

# ASCE

American Society  
of Civil Engineers



ASCE Illinois Section

# News

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March 2007

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## 2007 Awards Program Call For Nominations

The American Society of Civil Engineers (ASCE), founded in 1852, is the oldest and one of the most prestigious national engineering societies in the United States. ASCE is dedicated to the advancement of the science and the profession of engineering to enhance the welfare of mankind. The Illinois Section, in keeping with the objectives of the ASCE, is soliciting nominations for its 2007 Awards Program to be held October 2007. The Awards Program is held yearly to recognize local engineers and engineering firms who have been committed to the advancement of civil engineering and have contributed to a general improvement in the quality of life. Illinois Section Award recipients will represent the Section by becoming candidates for the 2007 ASCE National Awards Program.

Nominations are being sought for the following awards:

- Outstanding Civil Engineering Achievement
- Civil Engineer of the Year
- Young Civil Engineer of the Year
- Government Civil Engineer of the Year
- Young Government Civil Engineer of the Year
- Citizen Engineer Award
- Public Involvement Award
- Employer Recognition Program for Exemplary Support of Government Civil Engineers in ASCE Activities
- Employer Recognition Program for Exemplary Support of Private Civil Engineers in ASCE Activities
- Excellence in Journalism Award

Persons wishing to submit a nomination should contact Wade Moore by telephone at (312) 831-3098 or by email at [Wade.P.Moore@us.mwhglobal.com](mailto:Wade.P.Moore@us.mwhglobal.com), for an application form. Forms can also be obtained directly from the ASCE web homepage [www.isasce.org](http://www.isasce.org).

*Nomination forms must be submitted in order to be considered for any of the awards. The nomination forms provide general guidelines for completing an application.*

Nominations for all awards are due by July 10, 2007 and should be sent to

*(continued on page 13)*

Visit the ASCE Illinois  
Section Website at  
[www.isasce.org](http://www.isasce.org) for the  
Illinois Section Award  
Nomination Forms

## President's Notes

Joe Johnson, P.E., M. ASCE



Last month I noted in my President's Notes how ASCE functions at different levels within the civil engineering profession. This month, I would like to build upon this theme and encourage our members to help the Section increase its interaction with ASCE at the national level. ASCE is working to play an increasingly

important role in the discussion of engineering-related policy issues at the

At the Section level, it is important that we identify the issues that are important to our membership and provide effective input to the ASCE national organization.

conference calls, and conveying key information back to our Section Board. As Thomas' term will be ending this year, the Section has now nominated Don Wittmer to take on the role of Region 3 Governor. Both of these individuals have contributed greatly to the Illinois Section. On behalf of our Board and members, I would like to thank Thomas for his past service, and thank Don for agreeing to be considered for this important position going forward.

national level. At the Section level, it is important that we identify the issues that are important to our membership and provide effective input to the ASCE national organization.

Our Section is also fortunate to have one of our own members, Nick Textor, serving as a Vice President at the national level. In this role, Nick is able to represent our concerns at the highest levels of ASCE. I would encourage members to contact Nick, Thomas, Don or I with their questions or concerns regarding ASCE and its efforts.

Our primary link to the national ASCE organization is through our representative to the Region 3 Board of Governors. Most recently, Thomas Burke has served in this role, participating in Region meetings and

On Thursday, March 22, 2007, we will have yet another opportunity to convey our thoughts and ideas to

## ASCE Illinois Section News

### ILLINOIS SECTION NEWSLETTER

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American Society of Civil Engineers  
Illinois Section - Zone III - District 8

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Web Site: <http://www.isasce.org>

#### ASCE National Information

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**Submission deadline for the  
Newsletter is the 10th of the month.**

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the ASCE national organization. That evening, the President-Elect of ASCE, Mr. David Mongan, P.E., F.ASCE will be here in Chicago for the Illinois Section's Annual President-Elect Dinner. Mr. Mongan is the president of an architectural/engineering firm in Baltimore, Maryland. He has a long-history of service to ASCE and the civil engineering community. Currently, he serves as the chair of the ASCE Steering Committee for the Summit on the Future of Civil Engineering. This group recently published its draft report on "The Vision for Civil Engineering in 2025" (<http://www.asce.org/files/pdf/professional/summitreport12jan07.pdf>).

I'm sure that he will bring important observations from this effort to the meeting, and I expect that he will be happy to field questions from our members regarding ASCE's role in the civil engineering profession and society at large. I look forward to seeing you at this important event.

Lastly, I would like to apologize to our Structural Technical Group. Due to some miscommunication, the Section's President-Elect Dinner will conflict with the second session of the group's 2007 Lecture Series. Unfortunately, we have been unable to reschedule either of these events. The lecture series is another important

Our Section is also fortunate to have one of our own members, Nick Textor, serving as a Vice President at the national level.

example of the way in which the Illinois Section works to inform its members of the new technical developments and achievements in engineering. In the future, we will certainly work harder to avoid this type of conflict.



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# Dinner Presentation on “Conservation Development”

Sponsored by  
ASCE Illinois Section Urban Planning & Development Group

When: Thursday, April 12<sup>th</sup>, 2007  
Cocktails (cash bar): 6:00pm  
Dinner & Presentation: 6:30pm

Where: Chandler's Chophouse  
401 N. Roselle Road  
Schaumburg, IL 60194  
(847) 885-9009

In a time of evolving stormwater ordinances and increasing concerns about groundwater and water quality protection, engineers are faced with new challenges in designing stormwater systems and development infrastructure. More specifically, most countywide stormwater ordinances in northeastern Illinois incorporate the concept of a runoff reduction hierarchy.

On a closely parallel track, land planners, ecologists, and conservationists increasingly are recommending "conservation design" techniques for new development projects. Conservation design employs a combination of creative land planning and innovative stormwater management practices to protect water and natural resources, preserve open space, and enhance wildlife habitat.

Dennis Dreher will be discussing the benefits and implementation challenges of conservation development and presenting residential and commercial examples. Dennis Dreher is the Director of Conservation Design for Cowhey Gudmundson Leder, Ltd. He was formerly the Director of Natural Resources for the Northeastern Illinois Planning Commission where he managed a variety of water and natural resource projects for over 25 years. His areas of expertise include conservation design, stormwater and floodplain management, stream and wetland protection, water quality planning, watershed management, and biodiversity protection.

Space is limited, so please register early. The registration fee for this dinner and presentation is \$45 per person. Student registration fee is \$20. Registrations need to be received by April 2, 2007. Please complete the registration form below and mail with check payable to "ASCE-UPDG".

One Professional Development Hour (PDH) will be earned by attendance at this presentation. For further information, contact Erik Olson at [eolson@bollingerlach.com](mailto:eolson@bollingerlach.com) or 815-479-1200.

---

## Conservation Development Dinner Presentation April 12, 2007

Name: \_\_\_\_\_

Fax or mail completed form to:

Company: \_\_\_\_\_

Erik Olson  
Bollinger, Lach, & Associates  
600 North Route 31, Suite B  
Crystal Lake, IL 60012

Address: \_\_\_\_\_

Fax: (815) 479-1220

City/State/Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

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# Conservation Development: Emerging Opportunities and Challenges

by Dennis Dreher, Director of Conservation Design, Cowhey Gudmundson Leder, Ltd.

In a time of evolving stormwater ordinances and increasing concerns about groundwater and water quality protection, engineers are faced with new challenges in designing stormwater systems and development infrastructure. More specifically, most county-wide stormwater ordinances in northeastern Illinois incorporate the concept of a runoff reduction hierarchy. The hierarchy goes far beyond traditional requirements for stormwater conveyance and storage by recommending:

- preservation of wetlands, stream corridors, woodlands, and prairies;
- minimizing impervious surfaces through reduced road widths, reduced setbacks, and clustering of homes;
- the use of natural landscaping as an alternative to turf grass;
- the use of vegetated swales, filter strips, and infiltration practices;
- preservation of a site's natural infiltration and storage characteristics; and
- naturalized detention facilities.

On a closely parallel track, land planners, ecologists, and conservationists increasingly are recommending "conservation design" techniques for new development projects. Conservation design employs a combination of creative land planning and innovative stormwater management practices to protect water and natural resources, preserve open space, and enhance wildlife habitat. While the motivation may differ, the techniques of conservation design are actually quite similar to the runoff reduction hierarchy.

## Conservation Development 101

Conservation development starts with a thorough review of the site to evaluate potential development constraints—such as wetlands, streams, woodlands, and steep slopes. But where the traditional land planning process would find ways to minimize and build through these areas, a conservation design seeks out creative approaches to preserve and enhance natural areas. The core tool of residential conservation design is clustering—that is, grouping the same number of houses onto smaller lots. The results are less land grading, and

associated infrastructure costs, and more functional open space.

Sustainable water management is another key element of conservation development. To counter concerns about groundwater supplies, water quality, and flooding, conservation design provides the tools to put clean water back into the ground rather than flushing it offsite in storm sewers and wastewater pipes. These tools include "bioswales" in lieu of costly storm sewers, depressed medians and landscape islands in roadways and parking lots, detention ponds graded

*(continued on page 7)*

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## Section Activities

### Transportation Group

#### Executive Committee

**Date:** Tuesday, March 6  
**Time:** 5:30 pm  
**Place:** Stanley Consultants  
8501 West Higgins Road, Suite 730  
Chicago  
**RSVP:** Bryan Luke, [bluke@cbbel.com](mailto:bluke@cbbel.com)  
(847) 823-0500

#### Seminar

**Topic:** Roadside Safety  
**Date:** March 13 and 14  
**Time:** 8:00 am–4:30 pm  
**Place:** IDOT Region 1 Office  
201 West Center Court  
Schaumburg  
**PDH:** 12 PDH  
**Cost:** \$300 ASCE Member,  
\$325 non-ASCE Member  
**RSVP:** Smita Shah, [sshah@spaantech.com](mailto:sshah@spaantech.com)

#### Luncheon Program

**Speaker:** Greg Stukel; Illinois State Toll  
Highway Authority  
**Topic:** I-355 Extension Construction  
**Date:** Wednesday, March 21  
**Time:** 11:30 am–1:30 pm  
**Place:** Maggiano's  
240 Oakbrook Center  
Oak Brook  
**PDH:** 0.5 PDH  
**Pre-Registration:** Through March 16, 2007  
**Cost:** \$15-students,  
\$40 with pre-registration,  
\$50 at door & post 03/16/07  
**RSVP:** Jason Gregor  
[jgregor@cityofchicago.org](mailto:jgregor@cityofchicago.org)

### Minority Affairs Committee

#### Monthly Meeting

**Date:** Tuesday, March 6  
**Time:** 5:30 pm  
**Place:** 35 East Wacker Drive, Suite 1000  
Chicago, IL 60601  
Contact Tim Scully Granzeier for  
more information:  
312-263-6703 (ext 4109) or  
[tgranzeier@arcadis-us.com](mailto:tgranzeier@arcadis-us.com)

### Urban Planning & Development Group

#### Monthly Meeting

**Date:** Thursday, March 8  
**Time:** 6:00 pm  
**Place:** Chandler's Chophouse  
401 N. Roselle Road  
Schaumburg, IL 60194  
(847) 885-9009

### Younger Member Group

#### Monthly Happy Hour

**Date:** Thursday, March 8  
**Time:** 5:30 pm  
**Place:** TBA  
**RSVP:** James Wonneberg  
[JWonneberg@ekmail.com](mailto:JWonneberg@ekmail.com)  
(312) 424-5446

#### March Dinner Meeting

**Topic:** Professional Networking and  
Interviewing (Non-technical)  
**Date:** Wednesday, March 28  
**Time:** 5:30 pm–7:00 pm  
**Place:** TBA  
**Cost:** \$15 (\$5 students)  
**RSVP:** Cassie Gray  
[cgray@cmtengr.com](mailto:cgray@cmtengr.com)

### Structural Group

#### 17th Biennial Lecture Series

**Session 1:** Forensic Engineering (2.5 CEU's)  
**Date:** Thursday, March 8,  
**Time:** 5:30 pm  
**Topic:** Designing the Details  
**Speaker:** Darren Conboy, PE  
**Topic:** Forensic Engineering –  
Guidelines and Case Studies  
**Speaker:** Bill Bast, PE, SE  
**Place:** Chicago Athletic Association  
12 South Michigan Avenue  
Chicago, IL

**Registration:** The registration fee is \$275  
(\$150 for government employees)  
and must be received by March 1,  
2007. If there are 5 or more people  
from the same company the fee is  
\$250 each. The fee for one evening  
is \$75. For full time students the  
registration fee is \$25. Registrants  
will receive a copy of the sympo-

sium proceedings. For additional  
information or questions, please  
contact Barb Pries at (312) 649-  
4600 or Basar Civelek at (312)  
424-5410.

For information about the group,  
contact Sudhir Singamsethi,  
[sudhir@matrixchicago.com](mailto:sudhir@matrixchicago.com),  
(312) 427 1200

#### 17th Biennial Lecture Series

**Session 2:** Design Build (2.5 CEU's)

**Date:** Thursday, March 22  
**Time:** 5:30 pm  
**Topic:** Design-Build Projects  
**Speaker:** John Poulson, PE  
**Topic:** Design-Build from the Contractors  
Perspective – Lessons Learned  
**Speaker:** Stan Kaderbek, PE, SE  
**Place:** Chicago Athletic Association  
12 South Michigan Avenue  
Chicago, IL

**Registration:** The registration fee is \$275  
(\$150 for government employees)  
and must be received by March 1,  
2007. If there are 5 or more people  
from the same company the fee is  
\$250 each. The fee for one evening  
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For information about the group,  
contact Sudhir Singamsethi,  
[sudhir@matrixchicago.com](mailto:sudhir@matrixchicago.com),  
(312) 427 1200

### Environmental Engineering & Water Resources Group

#### Monthly Group Meeting

**Date:** Tuesday, March 13  
**Time:** 5:30 pm  
**Place:** MWH  
175 West Jackson Boulevard  
Suite 1900  
Chicago, IL 60604  
312-831-3000

Use the elevator banks on the  
Van Buren side of the building.

# Conservation Development: Emerging Opportunities and Challenges

(continued from page 5)

and landscaped to resemble wetlands and natural lakes, and land application of treated wastewater. A further theme of conservation design is the use of deep-rooted prairie grasses in

Another key element of good conservation development is going beyond mere avoidance of wetlands and woodlands by performing ecologic restoration and enhancement.

lieu of turf grass to enhance groundwater infiltration and water quality.

Another key element of good conservation development is going beyond mere avoidance of wetlands and woodlands by performing ecologic restoration and enhancement. Plans also are needed for the long-term management of such natural areas, utilizing techniques such as controlled burning. Local land conservancies and park districts increasingly are working with developers to sustainably manage these areas. As a tradeoff for smaller lawns to mow, homeowners are asked to provide a revenue stream for this common area management.

## Advantages of Conservation Development

Conservation development has some significant advantages over traditional “cookie cutter” designs. From a developer’s perspective:

- Conservation development saves money. The National Association of Home Builders and the regional

Chicago Wilderness consortium have both documented substantial savings in infrastructure and development costs.

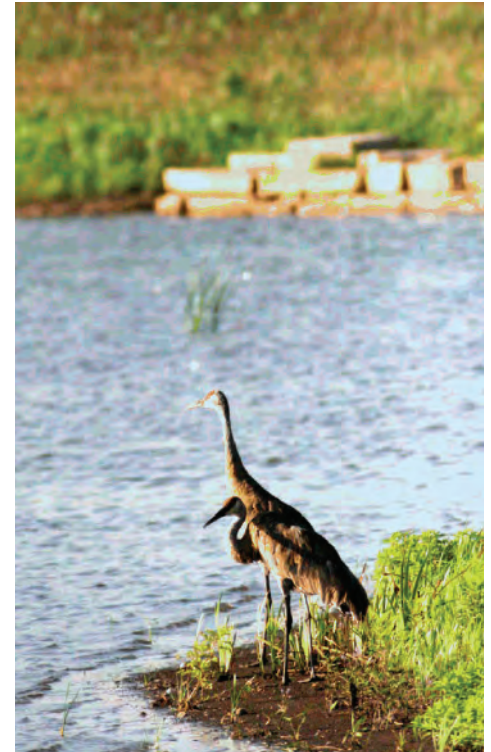
- Open space within a conservation development provides a significant marketing advantage and generates the potential for lot premiums.
- Conservation designs can reduce permitting hurdles for wetlands and floodplains, significantly reducing approval times and costs.
- Many communities offer density bonuses as a reward for additional open space and other conservation design elements.

From a community’s perspective:

- Conservation development can reduce long-term infrastructure replacement and maintenance costs, particularly related to streets and storm sewers.
- Conservation design techniques reduce stormwater runoff, preserve water quality, and help to recharge local aquifers with “treated” stormwater and wastewater.
- Preserved and restored open space and natural areas become community amenities at no cost to local taxpayers.

From an engineer’s perspective:

- A conservation-based land plan provides much more flexibility and space to incorporate stormwater best management practices.
- Conservation design offers greater opportunities to engage in creative design and collaboration with land planners and ecologists.



## Making it Happen

Despite the obvious cost savings and environmental advantages, conservation development is clearly not the norm for new residential projects in northeastern Illinois. One reason is that conventional “cookie-cutter” designs are still accepted and even preferred in most communities’ subdivision and zoning ordinances. In other words, while the runoff reduction hierarchy recommends narrow streets and bio-swales, the subdivision code typically specifies wide streets and storm sewers. Municipal engineers, planners, zoning boards, and plan commissions have developed a comfort level with the familiar. So, while conservation development can create cost savings and some unique marketing advantages, most developers may be reluctant to fight city hall.

(continued on page 9)



## *President-Elect / Student Awards Dinner*

*Hosted by the  
Illinois Section - American Society of Civil Engineers*

*Thursday, March 22, 2007*

Maggiano's Little Italy Restaurant, 111 W. Grand Ave, Chicago

Cocktails: 5:30 pm – 6:30 p.m. Dinner and Presentations: 6:30 pm

Please join us to meet the National ASCE President-Elect, David Mongan and recognize student scholarship winners from area universities. President-Elect Mondan will present his ideas for the Society in the upcoming year and help us recognize students selected by the Section's technical groups to receive annual scholarship awards.

Dinner cost is \$55 per person / \$25 for students

Cash Bar

RSVP to Barb Pries by Friday, March 16th at 649-4600 Ext. 204 Barb@isasce.org

The Illinois Section will also hold an induction ceremony for The Order of the Engineer in conjunction with the President-Elect Dinner. This will be a public induction of candidates, during which the engineer candidates formally accept the Obligation of an Engineer and receive a stainless steel ring to be worn on the fifth finger of the working hand. If you would like to become a member of The Order of the Engineer, please notify Barb Pries when you register for the dinner and give her your ring size, if known. The cost of the ring will be \$15.

## Conservation Development: Emerging Opportunities and Challenges

(continued from page 7)

However, there are some emerging policies that are pushing for more conservation development. As mentioned, progressive countywide stormwater ordinances in most of northeastern Illinois' collar counties are now requiring evaluation of innovative land planning and stormwater designs. A growing number of local governments are giving preference to conservation design and even offering incentives like density bonuses. For example Kane County has embraced conservation design principles in its "critical growth area" and has approved conservation development projects like the 1600+ unit Mill Creek development. The City of Aurora is promoting conservation development through its award winning Countryside Vision Plan. And the Village of Homer Glen recently adopted a conservation development ordinance that mandates preservation of open space and innovative stormwater best management practices.

There is no absolute prescription for a "perfect" conservation development. Depending on the site characteristics and local ordinances and political sentiment, a range of conservation design techniques may be feasible.

The groundwork has been laid for a new direction in land development in northeastern Illinois. Astute developers willing to take up the challenge are advised to assemble a project team experienced in creative conservation design approaches. Engineers must work in concert with land planners, landscape architects, and ecologists to thoroughly evaluate a site's natural

resource constraints and opportunities. And communities should reevaluate their ordinances to provide more flexibility and encouragement for conservation development. The end product can not only be profitable but can make a positive contribution to a healthy environment and more livable communities.

An excellent source of regional information on conservation design principles and techniques is the Northeastern Illinois Planning Commission's Ecological Planning and Design Directory:

<http://www.nipc.org/environment/sustainable/content.htm#Conservation>

Mr. Dreher will be presenting at the Urban Planning and Development Group's monthly meeting at 6:00pm on Thursday, April 12th at Chandler's Chophouse in Schaumburg. Mr. Dreher will be discussing the benefits and implementation challenges of conservation development and presenting residential and commercial examples.

For more information on the dinner presentation, please contact Erik Olson at [olson@bollingerlach.com](mailto:olson@bollingerlach.com) or at 815-479-1200.

The Minority Affairs Committee is presently assisting local universities and other organizations in getting out the word regarding engineering opportunities for students, including engineering summer camps. Summer Sessions will be held in 2007; the time to apply is rapidly approaching.

**University of Notre Dame:** South Bend, Indiana: Scholarships are available for minority students interested in a 3-week INTRODUCTION TO ENGINEERING program at Notre Dame. Deadline for submitting application is May 10, 2007. Applications available at IL-ASCE website: [http://www.isasce.org/web/awards/ASCE\\_Notredame.pdf](http://www.isasce.org/web/awards/ASCE_Notredame.pdf).

**Northwestern University:** Evanston, Illinois. A summer program entitled ITI SUMMER HIGH SCHOOL INFRASTRUCTURE CAMP will be held. This is a one-week RESIDENTIAL program. Housing (5-nights in a Northwestern Residence Hall), Meals, and Field Trip Transportation costs are all included. Deadline for submitting application is May 9, 2007. Apply at [http://iti.northwestern.edu/camp\\_2006](http://iti.northwestern.edu/camp_2006)

**University of Illinois Chicago:** Campus of Near West Side of Chicago  
UIC is holding an Engineering High School Institute, this summer, for 10<sup>th</sup> and 11<sup>th</sup> grade High School students. Obtain more information by emailing [kamilah@uic.edu](mailto:kamilah@uic.edu).

**Illinois Institute of Technology:** Campus at South 31<sup>st</sup> St. and State St., Chicago  
IIT through the Chicago TORCH program offers a Pre-College Transportation Engineering Program "PRETRANS." The program is active in the spring and summer, 2007. For more information, visit the web site at <http://dmc.iit.edu/torch.asp>.

**West Point Bridge Contest:** The Minority Affairs Committee is hosting a regional competition of the West Point Bridge Contest. More information available at IL-ASCE website <http://www.isasce.org>.

**YMCA Black and Hispanic Achievers (BAHA)** focuses on 7th – 12th grade students and hosts an engineering career cluster workshop as one component of its goal of helping teens set and achieve high educational and professional goals. For more information, email: [LaDawn\\_Nelson@ymcachgo.org](mailto:LaDawn_Nelson@ymcachgo.org)

# Illinois Section News & Secretary Report

F E B R U A R Y 2 0 0 7

In an effort to inform Illinois Section members of the discussions at the monthly Board meetings, the Section Secretary contributes this monthly article to the newsletter. Any questions or comments on the Board activities are welcome and can be sent to the Section office at the address shown on Page 2.

## ■ Treasurer's Report

▲Treasurer Johnson distributed the Treasurer's Monthly Report and Income Statement as of January 31, 2007. It was noted that the electronic newsletter has resulted in a savings of approximately \$2000/month. The Monthly Report was approved as presented to the Board. Receivables were discussed, Treasurer Moore indicated that all of the parties have been contacted and payment is expected. Funding request for IIT PreTrans, E-Week/Future Cities, and the UIC Student Chapter have all been granted.

## ■ Group Reports

▲Each Section Group reported on their past month's activities and future group meetings as noted in the Section Activities portion of the newsletter. Highlights of the Group's activities are as follows:

▲Geotechnical Group: Vice Chair Umar Ahmed presented a written report outlining previous, current and next month's activities for the group. Secretary Gorski requested that scholarship information be provided to the webmaster and posted to the website.

▲Structural Group: Chair Singamsethi presented a written report outlining previous, current and next month's activities for the group. Chair Singamsethi also noted that the President Elect Dinner will conflict with the group speaker series. The dinner will not be able to be rescheduled, closer coordination with the board should be the goal in the future.

▲Environmental Engineering & Water Resources Group: Past UP&D Chair Darren Olson detailed past, current month activities for the group that includes a group meeting at HDR Engineering. The group participated in the Future Cities competition at UIC. No written report was presented.

▲Urban Planning & Development Group: Chair Bono presented a written report outlining previous, current and next month's activities for the group.

▲Transportation Group: Vice Chair Tony Cerda presented a written report outlining previous, current and next month's activities for the group. Additionally the group has a technical program at IDOT in March.

▲Younger Member Group: Vice Chair Steve Lynch presented a written report outlining previous, current and next month's activities for the group.

## ■ Committee Reports

▲Communications Committee: Chair Olson submitted the written report outlining the activities of the Committee. The Website Committee met via conference call with ASCE National. National is willing to take the lead in updating our website. The website will be more useful to our members and easier to update. The only cost to the Illinois Section will be purchasing the new software, which is approximately \$50. The Website Committee will follow up with ASCE National this month to begin the website update process. Once ASCE National updates the website, Srikanth will continue to do the updates. Depending on the amount of work required, we may pursue a contract with an outside individual to keep the website updated.

▲Approximately 680 newsletters were mailed out via hardcopy. The rest (1748) were sent out via email. A letter was sent out in January to those members whose emails bounced back. Thanks to Barb Pries for helping send out the letters. We will see if the number of bounced newsletters decreases.

▲Minority Affairs Committee: Chair Granzeier submitted the written report outlining the group's past, current and next month's activities. Agenda items at the meetings include: Future Cities, West Point Bridge Contest, King College Prep Visit, Golf Outing, Summer programs: Notre Dame – scholarship, IIT - TORCH donation, Northwestern, UIC. The Golf Outing is scheduled for Thursday, May 24, 2007 at Oak Meadows in Addison, contact [Robert.gorski@hdrinc.com](mailto:Robert.gorski@hdrinc.com) with any questions.

▲Public Affairs Committee: Director Ungeran spoke about sending the 150th Anniversary Books to Illinois elected officials. The contact list will be updated by Barb Pries based on the November elections. Director Ungeran will also coordinate with Past President Wittmer and gather more information for a Joint visit to the General Assembly with ISPE in the fall.

## ■ Old Business

▲2007 Leadership Workshop–February 9-11, 2007–Directors to the Illinois Section will be attending, information will be forwarded to the Student Chapters and encourage attendance at the Workshop to be held in Milwaukee.

▲2007 President-Elect Dinner–President Elect Whitlock has set the date as Wednesday, March 22, 2007 at Maggiano's, 516 North Clark St., Chicago, IL.

▲Future Cities/Engineers Week Involvement–President Johnson mentioned that the board should make an effort to attend the Future Cities events; the technical groups did have good participation as judges. Individuals were encouraged to recognize Engineers Week in their offices.

▲2007 Government Affairs Fly-in–President Elect Whitlock, Past President Wittmer and Secretary Gorski will be representing the Illinois Section.

## ■ New Business

▲IIT Funding Request – President Mark Rokita presented the request and detailed the activities of the student chapter, and thanked the Illinois Section for their support. President Johnson motioned to approve the request for \$1500 and asked that an article with pictures be provided for the newsletter and website. Treasurer Moore will send a check to the chapter.

▲RTA Moving Beyond Congestion – Clayton Weaver of Weaver Consulting representing the Regional Transportation Authority's (RTA) discussed the initiative and asked for support from ASCE, recruitment of member support and aid in communication of material. For more information and to join as a Partner visit <http://movingbeyondcongestion.org/>. Public transit agencies in northeastern Illinois are calling for a \$10 billion investment in state

# Are you going places?



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and local dollars over the next five years to maintain, enhance and expand the region's transit system. The RTA plan proposes to better serve the mobility needs of the region's growing population and to combat increasing traffic congestion. Discussion followed and was noted that the board will evaluate the plan once released and determine then if to support. Mr. Weaver was requested to provide an article that will be included with the newsletter to inform members of the RTA plan. It was mentioned that the Transportation group has a February luncheon with Steve Schlickman and the UP&D group was encouraged to follow up with a similar luncheon later.

▲Discussion Item: Plans for 2007 Special Project(s) President Johnson asked the board for ideas for the Section Special Project:

- Engineering Center home for ASCE and/or other groups.
- Match technical group scholarship funds
- Traveling board meetings to other areas of the Illinois Section
- Continue engineering tours created for the ASCE National Conference
- Obtain a public relations press secretary
- Membership Analysis: Discussion at March board meeting

By *Robert Gorski, Secretary*  
[Robert.gorski@hdrinc.com](mailto:Robert.gorski@hdrinc.com)

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*The Environmental Engineering and Water Resources Group is hosting an*

*Advanced HEC-RAS Hydraulic Modeling Seminar*

*Vern Bonner, P.E., served 20 years as the Chief of the Training Division at the Hydrologic Engineering Center (HEC). He has over 35 years of water resource engineering experience and continues to present HEC-RAS courses throughout the country. Vern will be presenting the following topics:*

*Advanced HEC-RAS (3 days)*

- *Advanced Input/Output*
- *Modeling Inline Structures*
- *Performing Channel Modifications*
- *Advanced Bridge and Culvert Hydraulics*
- *Modeling Drop Structures*
- *Split Flow and Divided Flow Modeling*
- *What's New in Version 4.0?*

**Dates:** *May 2 - May 4, 2007*

**Time:** *8:00 am to 4:30 pm*

**Location:** *Illinois Dept of Transportation  
201 Center CT  
Schaumburg, IL 60196  
Lower Level Classroom*

*Course attendance requires familiarity with HEC-RAS.*

**Professional Development Hours: 22.5**

*Registration includes course notebooks and CDs, on-site computers, and refreshments. Seating is limited so please respond early!*

**Registration Form**

*Reservations are required by close of business on Friday, April 20, 2007. If you have any questions please call Heather Henneman at Black & Veatch at the number below.*

*Please fill out one registration form per person.*

*Name:* \_\_\_\_\_

*Company:* \_\_\_\_\_

*Address:* \_\_\_\_\_

*City:* \_\_\_\_\_ *State:* \_\_\_\_\_ *Zip Code:* \_\_\_\_\_

*Phone:* \_\_\_\_\_ *Fax:* \_\_\_\_\_

*Email:* \_\_\_\_\_

*3-day Advanced Course – ASCE Member (\$750) Please provide member #: \_\_\_\_\_.*

*3-day Advanced Course – Non-ASCE Member (\$800)*

*Amount Enclosed: \$* \_\_\_\_\_

*Send completed form and check made out to “Illinois Section EE&WR” to:*

*EE&WR c/o Black & Veatch, Attn: Heather Henneman, 101 N Wacker Drive – Suite 1100, Chicago, IL 60606. Phone: (312)683-7832, Fax: (312) 346-4781*

# American Society of Civil Engineers- Illinois Section 13<sup>TH</sup> ANNUAL GOLF OUTING

THURSDAY, MAY 24, 2007  
OAK MEADOWS GOLF COURSE  
900 North Wood Dale Road  
Wood Dale, IL

The Illinois Section is seeking sponsors for golf holes; sponsorships enable the Minority Affairs program to provide scholarships for area high school students to attend summer engineering camp at the University of Notre Dame. Since 1990 the Minority Affairs Committee has sent 88 students to Introduction to Engineering with a scholarship value of nearly \$112,000.

## BENEFITS OF A \$250 SPONSORSHIP INCLUDE:

- A sponsorship sign displayed at a tee the day of the outing
- Recognition and acknowledgement at the outing luncheon
- Recognition in the Illinois Section NEWS and website [www.isasce.org](http://www.isasce.org)

GIFTS IN THE FORM OF DONATIONS OR DOOR PRIZES WILL ALSO BE GRATEFULLY RECEIVED AND ACKNOWLEDGED.

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## ASCE 2007 GOLF OUTING - SPONSORSHIP FORM

Contact Name: \_\_\_\_\_ Phone: \_\_\_\_\_

Organization: \_\_\_\_\_  
*Please list organization name, as it should be printed on sponsor materials*

Address: \_\_\_\_\_

FAX: \_\_\_\_\_ e-mail: \_\_\_\_\_

**Please send completed sponsorship form and a check for \$250 to:**

Robert Gorski  
HDR  
8550 W. Bryn Mawr Ave  
Ste 900  
Chicago, IL 60631-3223  
Phone: (773) 380-7951  
FAX: (773) 380-7979  
[Robert.gorski@hdrinc.com](mailto:Robert.gorski@hdrinc.com)

## 2006 Awards Program Call For Nominations

(continued from page 1)

Mr. Wade Moore at MWH Americas, Inc. at 175 W. Jackson Blvd. Chicago, Illinois 60604.

### **The Outstanding Civil Engineering Achievement**

Recognizes projects, which represent outstanding contributions to civil engineering progress and to society. The project must be complete as defined in the 2000 ASCE Official Register, pages 443-447. The following criteria will be given special weight in making the selection: contribution to the well being of people and communities; resourcefulness in the planning and solution of design problems, the pioneering use of materials and methods, innovations in construction: consideration of impact on the environment; usual aspects of a project or aesthetic values; and its contribution to the "quality of life." Two project size categories are established: projects having a construction cost of less than \$5 million and projects having a construction cost of \$5 million and greater. These two awards are being made available in recognition that smaller projects often have a great impact on society and need to be recognized. Projects in both size categories may be nominated for the National OCEA award.

### **Civil Engineer of the Year**

Recognizes outstanding professional contributions to society by exemplary professional conduct in a specific outstanding instance; established reputation for professional service; objective and lasting achievement in improving the conditions under which professional engineers serve in public and private practice; significant contribution toward improvement of employment conditions among civil engineers; significant contribution

toward improving the professional aspect of civil engineering education; and/or professional guidance of qualified young persons who would seek civil engineering as a career. Membership in ASCE is not a requirement for the Illinois Section ASCE Civil Engineer of the Year Award.

### **Young Civil Engineer of the Year**

This award will be presented to a civil engineer, preferably registered, which is employed in the private sector and is 35 years of age or less on February 1, 2007. The candidate will be judged to have attained significant professional achievement by the degree to which the candidate has shown service to the advancement of the profession, evidence of technical competence, high character and integrity, contribution to public service, and other evidence of merit that has advanced the Society's objectives. Membership in ASCE is not a requirement for the Illinois Section ASCE Young Civil Engineer of the Year Award.

### **Government Civil Engineer of the Year**

This award will be presented to a distinguished civil engineer, preferable registered, employed in public service, who is a citizen of the United States, and who has sustained outstanding civil engineering performance in the public sector, shown evidence of high character and professional integrity, and has been employed in public service as a civil engineer for a minimum of 15 years, of which five have been at the senior administrative level. Membership in ASCE is not a requirement for the Illinois Section ASCE Government Civil Engineer of the Year Award.

### **Young Government Civil Engineer of the Year**

This award will be presented to a civil engineer, preferably registered, employed full-time in public service for a minimum of five years, who is 35 years of age or less on December 31, 2007, who is a citizen of the United States, and who has shown excellent performance that has demonstrated leadership potential in the public sector, evidence of high character, and professional integrity. Membership in ASCE is not a requirement for the Illinois Section ASCE Young Government Civil Engineer of the Year Award.

### **Citizen Engineer Award**

This award will be presented to a member who has made volunteer efforts that better our world in such areas as local or national legislation, education at all levels, non-profit volunteer organizations, community activities, etc. The nominees will be evaluated on the positive impact and overall contribution as a result of their efforts, number of people involved or reached by their effort, originality, and level of effort.

### **Public Involvement Award**

This award will be presented to an ASCE Illinois Section member group (two or more individuals) which has made volunteer efforts that better our world in such areas as local or national legislation, education at all levels, non-profit volunteer organizations, community activities, etc. The nominees will be evaluated on the positive impact and overall contribution as a result of their effort, number of people involved or reached by their effort, originality, and level of effort.

(continued on page 15)

# American Society of Civil Engineers- Illinois Section 13<sup>th</sup> Annual Golf Outing

THURSDAY, MAY 24, 2007  
OAK MEADOWS GOLF COURSE  
900 North Wood Dale Road  
Wood Dale, IL

8:00 AM Shotgun Start (Please check in by 7:30 AM)

\$115 Registration Fee covers:

- Green Fees and Golf Cart
- Continental Breakfast
- Lunch
- Prizes and Awards

Proceeds from the outing support the Illinois Section Minority Affairs Program providing scholarships. Since 1990 the Minority Affairs Committee has sent 88 students to Introduction to Engineering at Notre Dame University with a scholarship value of approximately \$112,000.

## ASCE 2007 GOLF OUTING - REGISTRATION FORM

Name: \_\_\_\_\_ Phone/FAX: \_\_\_\_\_

Organization: \_\_\_\_\_

Address: \_\_\_\_\_

### Additional Golfers:

Name: \_\_\_\_\_ Phone/FAX: \_\_\_\_\_

Name: \_\_\_\_\_ Phone/FAX: \_\_\_\_\_

Name: \_\_\_\_\_ Phone/FAX: \_\_\_\_\_

Send your registrations to:

Registration and check for \$115  
per golfer must be received by  
Thursday, May 17<sup>th</sup>

Robert Gorski  
HDR  
8550 W. Bryn Mawr Ave  
Ste 900  
Chicago, IL 60631-3223  
Phone: (773) 380-7951  
FAX: (773) 380-7979  
Robert.gorski@hdrinc.com

## 2006 Awards Program Call For Nominations

(continued from page 13)

### Government Employer Recognition Award

This award will be presented to a government employer who encourages their engineers to actively participate in ASCE. Special recognition will go to those organizations who exhibit exemplary support as evidenced by: providing a model for involvement through agency-wide participation in local, regional, and national ASCE activities; allowing engineers time off to attend ASCE meetings and seminars; supporting and encouraging technical and professional growth; encouraging engineers to prepare articles for publication in ASCE professional and technical journals; and assisting in the payment of society dues.

### Private Employer Recognition Award

This award will be presented an employer in the private sector that encourages their engineers to actively participate in ASCE. Special recognition will go to those organizations who exhibit exemplary support as evidenced by: providing a model for involvement through agency-wide participation in local, regional, and national ASCE activities; allowing engineers time off to attend ASCE meetings and seminars; supporting and encouraging technical and professional growth; encouraging engineers to prepare articles for publication in ASCE professional and technical journals; encouraging participation

in ASCE by younger members; and assisting in the payment of Society dues.

### Excellence in Journalism Award

This award was founded in 1994 for the ASCE National Awards. This award is given annually to a reporter or reporters whose news coverage enhances public understanding of civil engineering issues and the impact of civil engineers on this state (or nation). Only reports from general (non-trade) print publications are eligible. The publications must be regional or local. News stories must be published: a) in English; b) in Illinois; and c) between May 1, 2006 and April 30, 2007. **ASCE**



#### Transportation Engineers

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- Experience in Phase I & II
- Knowledge of Transportation Agency Policy/Procedures
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- P.E. License Preferred

#### Water Resources Engineers

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- Strong Knowledge of Hydraulic & Hydrologic Modeling
- Permitting experience in Northeastern Illinois preferred
- Bachelor's Degree in Related Field Required
- P.E. License Preferred

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## 2007

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|          |   |
|----------|---|
| March 6  | Transportation Group Executive Committee Meeting      |
| March 6  | Minority Affairs Committee Monthly Meeting            |
| March 8  | Urban Planning & Development Group<br>Monthly Meeting |
| March 8  | Younger Member Group Monthly Happy Hour               |
| March 8  | Structural Group Lecture Series 1                     |
| March 13 | EE & WR Monthly Group Meeting                         |

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|             |   |
|-------------|---|
| March 13-14 | Transportation Group Seminar                              |
| March 21    | Transportation Group Luncheon Program                     |
| March 22    | Structural Group Lecture Series 2                         |
| March 22    | Illinois Section President Elect/Student Awards Dinner    |
| March 28    | Younger Member Group Dinner Meeting                       |
| April 12    | Urban Planning & Development Group<br>Dinner Presentation |

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PLEASE VISIT [ISASCE.ORG](http://ISASCE.ORG) FOR MORE  
INFORMATION REGARDING ILLINOIS SECTION  
ACTIVITIES AND EVENTS

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