

ASCE

American Society
of Civil Engineers



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News

ASCE Illinois Section

Vol. 45, No. 4
April 2004

March 2004 ASCE National Board Meeting Summary

Contributed by Tom Walther and Tom Eggum, District 8 Directors

INSIDE:

President's Notes

2

Recycling Chicago

3

Section Activities

4

President Elect/
Student Awards

Dinner

6

News & Secretary
Report

7

INSERT

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Meet your directors Nick Textor just finished his time on the board. Tom Eggum is starting his second year of a three year term. Nick has been replaced by Tom Walther who started his three year term in November.

Here is a short introduction to Tom W.: Tom is registered in both Wisconsin and Iowa. His entire career has been in public works engineering, 9 years with the Iowa Department of Transportation and the past 22 as highway commissioner of Eau Claire County, Wisconsin, with additional oversight of the county airport and landfill. He has held all offices in the Wisconsin Section's Northwest Branch and has served several terms on the section board. He has also been the section president. He currently chairs the section's History and Heritage Committee and is a member of Committees concerned with infrastructure assessments and the section's engineering achievement awards.

Public policy influence One of President Pat Galloway's priorities is to make ASCE and civil engineers more influential in government policy making. Members are being encouraged to become active in the political process. ASCE offers three ways to become informed and active. First, we provide society policy statements on a wide variety of engineering related issues. They are carefully prepared and easy to understand. Second, the Key Contacts program provides relevant information in a timely way as issues appear before Congress. Third, ASCE's website offers an easy way to contact your congresspersons: just click on this website and follow the directions: <http://www.asce.org/advocacy.html>

Transportation funding This is currently our main public policy concern. Board members, staff, and many others have been guided to make calls, write letters, and visit with their local senators and representatives to urge support of TEA 21 reauthorization. Recently, we've been asked to telephone the White House directly. Now's a good time to get involved. Updates are available at ASCE's website.

International activities One of ASCE's priorities is to incorporate an international perspective into society activities. Here's why. ASCE is the world's main producer of civil engineering standards and publications. We have an opportunity (and perhaps a responsibility) to share these resources, cooperatively, with other nations both developed and developing. ASCE is obviously in a prime position to help developing countries improve their quality of life. But, we're not totally altruistic. Most of our new members (and their dues) come from outside the United States. We are negotiating with other societies worldwide to 'co-market' ASCE publications. Also, there are business opportunities overseas (aka 'offshore') for US engineers; so this is relevant, even for us midwesterners.

Section dues Some sections feel strongly that national ASCE must make payment of section dues mandatory. Texas and Southern California believe that they provide valuable services to all assigned members and ought to be reimbursed. Others feel that many of our members belong to ASCE for its technical services only and are not interested in what goes on at home; they may quit if forced to support geographic units. Both sides make some sense. District 8 sections and branches have not weighed in on this yet. This may be a good agenda item for our next teleconference.

Institutes & sections Somewhat related to the above, a task force has recommended an approach for involving the institutes more in the activities of sections and branches. Both of us like what we are hearing. The group identified multiple ways that sections can invite institute participation. Sections decide how to proceed. Here's some background: ASCE has organized seven technical institutes who are part of ASCE but have their own elected boards, have an ability to raise money and undertake activities without detailed ASCE approval, and can welcome non-engineers -even non-ASCE members- into their ranks. ASCE wants the institutes to become THE national umbrella organizations for structural engineering, transportation engineering, environmental engineering, geotechnical engineering, etc. In the past, planners and architects were

(continued on page 5)

President's Notes

Don Wittmer



I would like to start off by thanking all of you who called their State Senators and telling them about your opposition to Senate Bills 2435 and 2289. Many engineering societies encouraged their members to voice their opposition, and I believe the legislature is hearing us. I take offense to non-engineers trying to make changes to the Professional Engineering Act with no input from the engineers. Our Section is committed to fighting this battle, and we will con-

tinue to take a more active role with the state legislature. Please join us!

Thanks goes out to all of you that called, faxed or wrote Senators Durbin and Fitzgerald who both supported the \$318 billion Transportation Reauthorization bill that passed the Senate in February. I also hope you participated in calling the White House on March 8 and 9 as part of the Transportation Construction Coalition effort to show the President that there is broad support for this bill and that the President should agree to the funding amount approved by the Senate. The White House has threatened to veto any amount above the President's proposed amount of \$251 billion due to fiscal responsibility. The Senate-passed bill does not raise the federal gas tax or user fee, nor does it increase the federal deficit. It continues the important principle of paying for highways, bridges and transit through the Highway Trust Fund.

Our President Elect dinner will be held on Wednesday, April 7, at Maggiano's in Chicago. The National President Elect Bill Henry will be

on hand to tell us about the status of the society and what his focus will be when he becomes President in November. I hope you will be able to attend. More details can be found in the newsletter.

The Section plans to hold an induction ceremony for the Order of the Engineer at the dinner. Do you know what the Order of the Engineer is or how you can tell who is a member? The Order of the Engineer was initiated in the U.S. to foster a spirit of pride and responsibility in the engineering profession, to bridge the gap between training and experience, and to present to the public a visible symbol identifying the engineer. That public symbol is a stainless steel ring that is worn on the pinkie finger of the working hand of the engineer. The ceremony was first held on June 4, 1970 at Cleveland State University. This tradition has spread all over the United States. During the ceremony, graduate and registered engineers are invited to accept the Obligation of the Engineer and to wear the ring. If you have heard our current President

(continued on page 6)

ASCE Illinois Section News

ILLINOIS SECTION NEWSLETTER

Mailed to all ASCE-IS dues-paying members
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 April
Newsletter is March 10, 2004**

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Recycling Chicago *Contributed by Darren Milanowicz, P.E., MWH*

Construction in a congested environment like the City of Chicago is no easy task these days. An engineer must not only efficiently use the limited space available, but creatively exploit the existing infrastructure to an advantage. When Pirelli Power Cables and Systems needed to install 138 kV transmission cables across the Chicago River, they came to MWH.

Several possibilities were explored for crossing the river, including directional drilling and running through one of two existing tunnels under the river. It quickly became obvious that running the 4-inch diameter XLPE cables through an existing tunnel would not only be cost effective but would also save time. The only question was which tunnel to use. Pirelli's client owned an existing tunnel under the river with access shafts and manholes, but they were congested with existing duct banks, submerged with water and soil and difficult to route the cables to because of the existing bridge abutments and substructure. On the other hand,

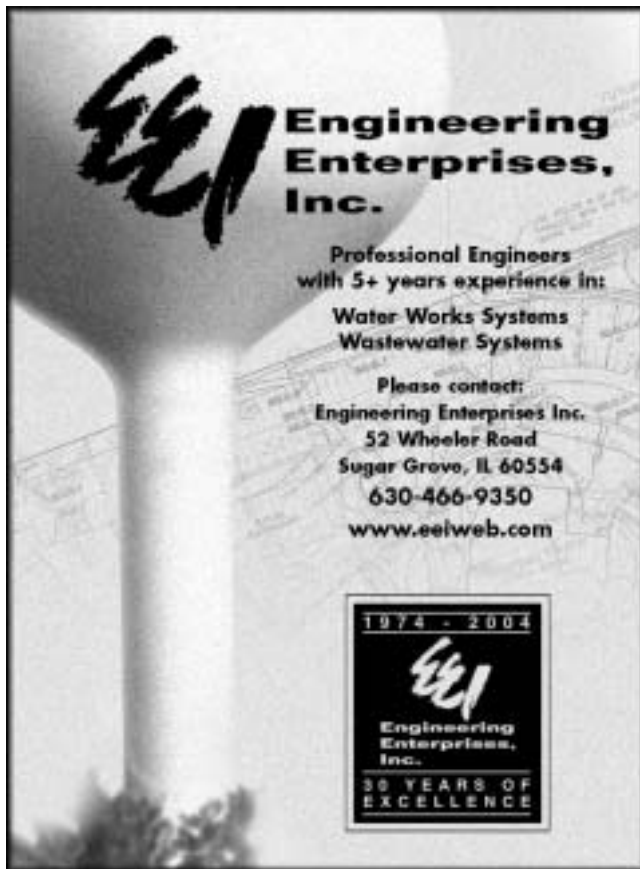
the existing freight tunnel, owned by the City of Chicago and located some 40 feet underground, had more available space for new concrete duct banks, was dewatered and maintained. The only obstacle, by no means an insignificant one, was avoiding the existing below grade utilities. On one side of the river, the freight tunnel had a spur tunnel without any utilities above it, allowing easy installation of a vertical shaft. On the other side of the river, a maze of utilities obstructed direct connection to the freight tunnel. A nearby abandoned water tunnel shaft that could be connected to the freight tunnel provided the solution. With careful location of the shafts and reuse of the existing freight tunnel, the street could stay open to two-way vehicular traffic during the entire three month construction period, avoiding a total shutdown of the critical artery and disruption to area residents and businesses. Pirelli now had a feasible solution.

Working with the City of Chicago's Department of Water Management and

Department of Transportation, plans were prepared to rehabilitate the water tunnel shaft and construct a hand mined drift tunnel to connect the water shaft to the freight tunnel. The abandoned water shaft was dewatered and filled with concrete up to the freight tunnel level. A new eight foot diameter reinforced concrete lining was then constructed inside of the water shaft. The connection to the freight tunnel on the other side of the river consisted of a drilled eight foot diameter steel casing into the crown of the freight tunnel spur with a six foot diameter reinforced concrete lining. The shafts were sized and located to accommodate the minimum bend radii of the XLPE cable, which were 10 to 15 feet due to the number of bends and distances between pulling points, while at the same time avoiding the existing utilities.

Careful location of shafts, and the ability to use the existing freight tunnel and abandoned

(continued on page 8)



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Section Activities

Environmental Engineering & Water Resources Group

Monthly Group Meeting

Date: Wednesday, April 7, 2004

Time: 5:30 p.m.

Place: Maggiano's

For information regarding the EE&WR Group contact Group Chair Tim Scully Granzeier. ARCADIS, 35 E Wacker Dr., Ste 1000, Chicago, TGranzeier@arcadis-us.com, 312-263-6703, ext 4109.

Geotechnical Group

Monthly Group Meeting

Topic: Helical Anchors

Speaker: Mr. Patrick Donlea,
United Structural Systems

Date: Tuesday, April 13, 2004
at 5:30 p.m

Cost: \$35 general, \$25 education/government, \$15 student (with reservations)

Place: La Borsa, 375 North Morgan
Chicago, IL

RSVP: rjfranz@haywardbaker.com;
Ray Franz (847) 484 - 8109

For information regarding the Geotechnical Group please contact Group Chair Ray Franz, Hayward Baker Inc., 1477 Barclay Blvd., Buffalo Grove, IL 60089, (847) 484-8109

Minority Affairs Group

Monthly Group Meeting

Date: Tuesday, April 6, 2004

Time: 5:30 p.m.

Place: ARCADIS
35 East Wacker Drive, Suite 1000
Chicago, IL 60601

For information regarding the MAC Group please contact Group Chair Tim Scully Granzeier. ARCADIS, 35 E Wacker Dr., Ste 1000, Chicago, TGranzeier@arcadis-us.com, 312-263-6703 ext 4109

Transportation Group

Executive Committee Meeting

Date: Wednesday, April 14, 2004

Time: 5:30 p.m.

Place: GAS
8501 W. Higgins Rd., Suite 280,
Chicago, IL

For information call Robert Gorski at 312-697-7255.

Urban Planning & Development Group

Monthly Group Meeting

Date: April 8, 2004

Time: 5:30-7:00 p.m.

Place: Chandler's Chop House
401 N. Roselle Road,
Schaumburg

For Information about the group or its activities, contact its Chairman, Mike Ungeran, StormTech at 815/730-0503 or ungeran@aol.com or Group Secretary, Bernie Bono, Bono Consulting at 847/791-0579 or bonoengineering@sbcglobal.net

Younger Member Group

Monthly Group Meeting

Topic: Thornton Reservoir

Speaker: Nick Textor, P.E.

Date: Thursday, April 22, 2004

Time: 5:30 p.m.

Place: Alfred Benesch & Co.
205 N. Michigan Ave.
23rd floor

Cost: \$12 (\$6 for students)

Place: Leo Morand at
lmorand@gha-engineers.com
or (847) 478-9700 by April 21.

Please contact Leo Morand at lmorand@gha-engineers.com or (847) 478-9700 to be added to the YMG e-mail distribution list.

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March 2004 ASCE National Board Meeting Summary *(continued from page 1)*

part of ASCE. Inattention to their concerns led to their departure. We don't want to further split civil engineering. Decentralization is the chosen solution. As the institutes mature, they can offer sections great resources, including programs for section meetings and local or regional conferences that sections may not be able to support on their own. ASCE national is wisely choosing to not be pushy about this. However, as your district directors, we might nudge you a bit now and then.

Reimbursement policy Volunteers are the gasoline that power ASCE's formidable engine. Pushing this corny metaphor a bit further, it may be time for a gas-tax increase. Volunteers at all levels donate substantial time and talent. This is gratis of course. No organization could afford to pay for these impressive and massive contributions. Volunteers at the national level get their travel expenses partially paid. Oversimplifying a bit, board and national committee members get transportation costs fully reimbursed and food/lodging expense defrayed by \$75 per day for approved meetings. This has been the policy for many years, unchanged despite many years of inflation. There are many pros and cons to consider if the policy is to be changed. A board committee is presently weighing the options. A decision lies ahead.

Registration for civil engineering professors Another one of President Galloway's initiatives is to urge civil engineering professors to become registered. Many of course are. They are in positions of influ-

ence. For some students, their teachers are the first contact they have with a professional civil engineer. This makes sense to me. Of course, like most issues, this is complicated by the growing multi-disciplinary nature of civil engineering education. Not all professors in civil engineering are engineers. Advanced biology and chemistry, for examples, are critical to environmental engineering education. Also, most professors who are civil engineers have completed years and years of advanced education; should that substitute for part of the 16 hours of testing?

Strategic planning We spent one full day looking at what is ahead for civil engineering, anticipating an update of the society's Strategic Plan. National committee chairs and institute officers joined board members for this session. More on this in the months ahead.

Dennis Martenson - District 8 nominee for President-elect. Dennis, from the Minnesota Section, is in the running for national President (President-elect in 2004 and President in 2005 following Bill Henry). Dennis was nominated by the Minnesota Section and unanimously endorsed by the District 8 Council. The Zone III (Districts 8, 15 and 16) nominating caucus in Chicago was split between Dennis and Dr. Conrad Keyes, Jr, the candidate from District 15. The selection now goes on to a nominating committee of the national board. The board may choose to officially nominate one, both, or neither. (We have been informed that national board members may not publicly campaign for a candidate at this point. So Tom E. attempted to describe the process as it involves District 8's candidate' matter-of-factly.)

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President's Notes

(continued from page 2)

Pat Galloway speak, you knew that this is an issue near and dear to her and she takes great pride in it.

The Obligation is a creed similar to the Hippocratic Oath that is generally taken by medical graduates and which sets forth an ethical code. The Obligation likewise contains part of the Canon of Ethics of major engineering societies. Initiates, as they accept it voluntarily, pledge to uphold the standards and dignity of the engineering profession and to serve humanity by making the best use of Earth's precious wealth. The Order is not a membership organization; there are never any meetings to attend or dues to pay. Instead, the Order does foster a unity of purpose and the honoring of one's lifelong pledge. A minimal cost of \$10 to \$20 is charged to pay for your ring and a certificate of membership. The Obligation of the Order of the Engineer is similar to the Canadian "Ritual of the Calling of an Engineer" initiated there in 1926.

If you would like to sign up and participate in the ceremony, please let Barb Pries know when you register for the dinner and tell her your ring size, if known. Take a look the next time you're with your colleagues and see if any of them are members.

We held a joint meeting on February 13 between ASCE, CECI, ISPE, SEAIOI, IEC, WSE, and Planning and Design Division of the Road Builders. It was a successful first meeting and everyone was in agreement that these meetings need to continue. We discussed forming a coalition amongst our groups so that we can talk about issues affecting our profession, react quickly to legislation affecting engineers, or any other issue that may arise in the future. This is a great step in the right direction, and I hope we are successful in this endeavor.

Lastly, I would like to encourage all members to sign up and play in our tenth annual golf outing to be held on Thursday, May 29 at Gleneagles Country Club in Lemont. We increased our golfers to 82 last year and I hope we have at least that many again this year. Also, please make an effort to have your company become a \$250 sponsor for the golf outing or give donations for door prizes. All proceeds from the outing go to our Minority Affairs committee who provide scholarships for area high school students to attend summer engineering camps. Tim Scully Granzeier is the chair of the committee and he should be thanked for all the hard work he puts into this event along with all the members of the committee. Thank you all!



The Transportation group luncheon held February 18, with (Left to right) speaker Don Grabowski, Bureau of Traffic, Deputy Commissioner, CDOT, Bob Gorski, chair, and Joan Zhong, secretary.



Jack Groner, Director of Grant Development and Planning, Metra Rail and Wally Kos, Superintendent, Cook County Highway Department, participating at the ASCE/APWA Townhall Meeting for the Greater Chicago Area held on Friday, February 13, at the Chicago Hilton where over 200 people attended.

Illinois Section News & Secretary Report

M A R C H 2 0 0 4

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

The February General Ledger Trial Balance, Income Statement and Aged Receivables were discussed and approved.

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's February dinner meeting was held on the 10th at The Berghoff. Hill Burgess of McClier spoke on Design Build in Chicago. The March meeting will feature a talk by Stefano Valagussa on the Walter F. George Dam Cut-off.

Structural Group's February dinner meeting was held at the Como Inn on the 11th, the topic was "New Airport Traffic Control Tower" at the Indianapolis International Airport. The March dinner meeting will be at the same location on the 24th. The presentation will be "Foundation Design of the New Mississippi Bridge at St. Louis" by Dr. Hossam Abdou of Alfred Benesch.

Environmental Engineering & Water Resources Group's February Group meeting was held on the 10th at CDM. The March meeting will be held on the 9th at the same location. Upcoming seminars include Risk Based Corrective Action and a dinner program on NPDES Phase II.

Urban Planning & Development Group's meeting was held in February at Chandler's Chop House. The March group meeting will be March 19th at the same location.

Transportation Group's February luncheon meeting was held at the Chicago Athletic Association and featured a talk by Don Grabowski of CDOT and there were 40 attendees. The March Group meeting will be at HDR Inc. The March 18th luncheon program will be a Roadway Drainage Seminar presented by employees of CTE.

Younger Member Group sponsored a Writing Workshop as part of the Zone III Leadership Conference. The March monthly meeting will be held at HDR Inc. and the topic will be "Chicago Avenue Pumping Station Roof Deck Replacement" by Barry Kravitz of HDR, Inc.

Committee Reports

Communications Committee Chair Gorski reported on the newsletter and website. The April feature article will be provided by Tom Eggum, District Director. The secondary article will be submitted by the Younger Member Group. All groups should email their monthly activity reports to Chair

Gorski. The April Newsletter deadline is Wednesday, March 10th.

Old Business

President Wittmer and Directors Whitlock, Clayton and Moore related their impressions from the Zone III Leadership Conference.

President-Elect Burke talked about the President Elect Dinner to be held April 7th at Maggiano's.

The DuKane Chapter of the ISPE has suggested a joint meeting in April for a talk by the new commander of the Chicago USACE. The EE & WR group will coordinate with them.

The date for the golf outing was announced as May 27th.

New Business

The IIT ASCE Student Chapter made a request for funding for the steel bridge competition. An amount of \$1500 was approved.

President Wittmer stated that the section had received the award for Outstanding Large Section or Branch at the Zone III Conference. The section also received the award for the Outstanding Newsletter.

President Wittmer spoke on the proposed changes in governance at the national level. He passed out the proposed map showing the new regions that will replace the current districts and zones. The proposal will be voted on in June and it will come with in your newsletter with the ballot for ASCE National President Elect.

We have received one SPAG in support of our proposed State Infrastructure Report Card and should hear soon on another SPAG for state legislature lobbying efforts.

—By Wade Moore, Director



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ASCE Illinois Section News

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Recycling Chicago, *(continued from page 3)*

water tunnel shaft, saved both time and money for Pirelli while minimizing the impact to the neighborhood during construction. Close cooperation among Pirelli, Pirelli's client, and the City of Chicago was critical to bringing a low-impact design to fruition, proving that recycling of the City's infrastructure can reap benefits for everyone involved when dealing with the challenges of congestion and limited space found in the stormy, husky, brawling, City of Big Shoulders.

ASCE 150th Anniversary Book



To order a copy of "150 Years of Engineering Excellence", written by members of the Illinois Section, send \$29.95 plus \$5.00 for shipping and handling to:

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Calendar of Events

2004

- April 5 ASCE Illinois Section Board Meeting
- April 6 Minority Affairs Committee Meeting
CECI Continuing Education Series
- April 7 President Elect / Student Awards Dinner
- April 8 Urban Planning and Development Group Meeting
- April 9 Environmental Engineering and Water Resources
Group Meeting
- April 13 Geotechnical Group Meeting
- April 14 Transportation Group Executive Committee Meeting
- April 22 Younger Member Group Meeting

PLEASE VISIT ISASCE.ORG FOR MORE
INFORMATION REGARDING ILLINOIS SECTION
ACTIVITIES AND EVENTS

President Elect/Student Awards Dinner

Hosted by the Illinois Section Board

Wednesday, April 7, 2004

Maggiano's Little Italy Restaurant, 111 W. Grand Ave., Chicago
Cocktails 5:30 pm - 6:30 pm Dinner and Presentations 6:30 pm

Please join us to meet and listen to the next National ASCE President, Bill Henry on his views and ideas for the society in the upcoming year. Also, area college students will be presented Student of the Year awards for all three local universities and the Section technical groups will be presenting their annual college scholarships to their award winners.

Another event this year will be an induction ceremony for The Order of the Engineer. This will be a public induction of candidates into the Order of the Engineer, during which the engineer candidates formally accept the Obligation of an Engineer and receive a stainless steel ring to be worn as a symbol on the fifth finger of the working hand. If you would like to become a member, please let Barb know when you register and give her your ring size, if known.

Cost is \$50 per person/\$25 for students

RSVP with Barb Pries by Friday, April 2 at (312) 263-1606 or
Barb@isasce.org

Permitting Workshop For Developments in Northeastern Illinois

Sponsored By
ASCE Illinois Section Urban Planning & Development Group

When: Wednesday, April 28, 2004
Registration/Continental Breakfast 7:30 a.m.
Morning Program
Lunch included
Afternoon Program
Program Ends by 4:30

6 Professional Development Hours will be awarded to all attendees

Where: Schaumburg Golf Club (Chandlers' Chop House)
401 N. Roselle Road
Schaumburg, IL 60194
847/490-7074

Tentatively scheduled are speakers from:

<i>Will Co.</i>	<i>McHenry Co.</i>	<i>DuPage Co.</i>
<i>Cook Co. Hwy.</i>	<i>MWRDGC</i>	<i>IEPA</i>
<i>Naperville</i>	<i>Schaumburg</i>	<i>DNR</i>
<i>FEMA</i>	<i>IDOT</i>	

They will each present a brief overview of permitting requirements specific to their respective governmental agencies. Each workshop attendee will receive a three-ring binder with permitting requirements, ordinances, standard details, worksheets, and permit applications for each of the agencies represented.

Space is limited, so please register early. The registration fee for this workshop is \$175 for ASCE members and \$200 for non-members. Registrations need to be received by April 21, 2004. Please fill out the registration form below and mail with check payable to "ASCE-UP&DG".

For further information, contact Mike Ungeran at 815-351-5237 mungeran@stormtech.com or Bernie Bono at 847-791-0579 bonoengineering@sbcglobal.net

Permitting Workshop - Wednesday, April 28, 2004

Name: _____

Company: _____

Address: _____

City/State/Zip: _____

Phone: _____ E-mail: _____

Mail Check and completed from to:
Green Associates, Inc.
444 East Hillcrest, Suite 330
DeKalb, Illinois 60115

Illinois Section American Society of Civil Engineers
TENTH ANNUAL GOLF OUTING

**THURSDAY, MAY 27, 2004
GLENEAGLES COUNTY CLUB**

The Illinois Section ASCE is seeking sponsors for golf holes at this year's golf outing. Sponsorships directly benefit Minority Affairs programs including scholarships for area high school students to summer engineering camps.

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 Section Newsletter
- Recognition in Minority Affairs Press Releases

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

ASCE 2004 GOLF OUTING - SPONSORSHIP

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:

Tim Scully Granzeier

Phone: (312) 263-6703

ARCADIS

FAX: (312) 263-7897

35 East Wacker Dr., Ste 1000

e-mail: tgranzeier@arcadis-us.com

Chicago, IL 60601

Illinois Section American Society of Civil Engineers
TENTH ANNUAL GOLF OUTING

THURSDAY, MAY 27, 2004
GLENEAGLES COUNTY CLUB
13700 MCCARTHY ROAD LEMONT, ILLINOIS
8:00 AM Shotgun Start (Please check in by 7:30 AM)

\$115 Registration Fee covers:

- Green Fees and Golf Cart
- Coffee, Juice & Rolls
- Prizes and Awards
- Buffet Lunch
- Two Hour Open Bar

A raffle will also be held for special prizes including tickets to area sporting events

Proceeds from the Outing support the Illinois Section ASCE's Minority Affairs Programs and scholarships for area high school students to summer engineering camps.

ASCE 2004 GOLF OUTING - REGISTRATION

Name: _____ Phone/FAX: _____

Organization: _____

Address: _____

Additional Golfers:

Name: _____ Phone/FAX: _____

Name: _____ Phone/FAX: _____

Name: _____ Phone/FAX: _____

Send your registrations to: Tim Scully Granzeier
ARCADIS
35 East Wacker Drive
Ste 1000
Chicago, IL 60601
FAX: (312) 263-7897

Registration and check for \$115
per golfer must be received by
May 13, 2004