

# ASCE

American Society  
of Civil Engineers



# News

ASCE Illinois Section

Vol. 42, No. 4  
April 2001

## INSIDE:

### President's Notes

2

### ASCE Illinois Section EE&WR Group to Co-host Society of Wetland Scientists 22nd Annual Meeting

3

### News and Secretary Report

4

### Section Activities

6

### Calendar of Events

8

**Advertise in the  
Illinois Section  
Newsletter  
and reach  
almost 2,000  
Civil Engineers in  
the Chicago Area.**

*Call the editor,  
Lisa Harbert,  
at (312) 819-9776  
ext. 308 for details.*

## The 2001 Infrastructure Report Card and Illinois

I recently had the opportunity to visit with members of the Illinois Congressional Delegation as part of a contingent sponsored by the Consulting Engineers Council of Illinois (CECI). CECI visits with our senators and congressmen annually with the express purpose of presenting issues which affect engineers. I used the opportunity to brief our federally elected officials on the recently released ASCE Infrastructure Report Card with, of course, particular emphasis on the needs of Illinois. With roughly 2700 assigned members, the Illinois Section needs to understand the report card and carry its message to our federal, state, and local officials.

On March 8, 2001 the American Society of Civil Engineers (ASCE) released its 2001 Report Card for America's Infrastructure in which the nation's infrastructure received a cumulative grade of "D+" for twelve infrastructure areas. Causes for such a dismal grade include: explosive population growth and school enrollment which outpace the rate and impact of current investment and maintenance efforts; local political opposition and red tape which stymie the development of effective solutions; and the growing obsolescence of an aging system - evident in the breakdown of California's electrical generation system and the nation's decaying water infrastructure.

The 2001 Report Card for America's Infrastructure is an assessment of 12 infrastructure areas that are essential to the nation's economic prosperity and quality of life, including roads, bridges, mass transit, aviation, schools, drinking water, wastewater, dams, solid waste, hazardous waste, navigable waterways and energy.

In the three years since the release of ASCE's 1998 Report Card for America's Infrastructure, our nation has invested unprecedented resources to improve and maintain our aging infrastructure. Despite increases in federal funding for transportation and local funding for schools, the overall infrastructure system remains in peril as population growth outpaces the rate and impact of infrastructure investment. Shortfalls in funding for infrastructure areas such as drinking water continue to burden antiquated systems that strain to serve the current population.

To remedy America's current and looming problem, ASCE estimates a needed \$1.3 trillion investment over the next five years and calls for a renewed partnership between citizens, local, state and federal governments, and the private sector.

The 2001 Report Card follows one released in 1998, at which time the ten infrastructure categories rated were given an average grade of "D". While there have been some efforts to address infrastructure shortfalls, ASCE's analysis shows that conditions remain basically the same. Five categories have gone up slightly but are still average or below. Grades in three categories—transit, aviation and wastewater—have gone down. The evaluation of two new infrastructure areas, navigable waterways and energy, have kept the grade point average low.

Energy generation and transmission, a new addition to the 2001 Report Card, scored a "D+" for its growing inability to meet the population's demand for power. More than 10,000 megawatts (MW) of capacity need to be added each year until 2008 to keep pace with the 1.8 percent annual growth in demand. Since 1990, actual capacity has increased only about 7,000 MW per year; an annual shortfall of 30 percent nationwide.

Navigable waterways, the other newly evaluated category, posted a grade of "D+". Navigable waterways encompass the nation's ports, harbor channels, and inland, intracoastal and coastal waterways. Together, this network of waterways moves 2.3 billion tons of commercial goods. In the past 30 years, capital investment for public water resources has decreased 70 percent. The U. S. Army Corps of Engineers has a \$38 billion backlog of authorized projects, which would take 25 years to complete at current funding levels.

But what about Illinois? The top three infrastructure concerns to Illinois civil engineers, based upon a survey of the state's civil engineers conducted in January, 2001, by ASCE, are:

1. ) roads and bridges
2. ) mass transit
3. ) schools

These were followed very closely by wastewater and water.

*(continued on page 7)*

## President's Notes

Dave Kendall



We all know that our professional ancestors built the pyramids, the Appian Way and the viaducts of ancient Rome but it took us a fair amount of time to put a name to what we did. It's said that the title of Civil Engineer was first actually used by John Smeaton, an English Engineer in 1750. It took another one hundred years before there were enough of us using that title to form an organization called the American Society of Civil Engineers. This year, our exclusive club is at one hundred and fifty years of age minus one. That is an impressive age for any organization and we should celebrate the big event in some appro-

priate manner when the sesquicentennial arrives next year.

There is an old saying that the federal government has all the money, state government has all the power, and local government has all the problems. There may be some truth to that saying but it often seems like there are enough problems to go around for all three levels of government.

An axiom can be drawn to that old saying with the American Society of Civil Engineers. Certainly the national ASCE collects most of the membership dues. What most members don't know is that there is a level between the national ASCE and Illinois Section called Zones and Districts, which has similarities to "state government". The Illinois Section is part of District 8, which is within Zone 3. You have to be a fairly serious ASCE-Trekkie to follow District and Zone activities. It's fair to say most of us don't.

The Illinois Section, like local government, is "where all the action is" in my opinion. Most of us don't have the time or the money to attend national ASCE activities, but it's fair to say from the participation in our Group activities that many of us try to make the seminars, dinner meetings and other educational functions that the Illinois Section offers.

That's why our Section took the challenge from the national level to "do something" at the local level to celebrate the upcoming ASCE anniversary seriously. But many of the ideas they suggested seemed to be labor intensive, resource consuming, or very "big concept" requiring time and money which we don't

have. We realized that a successful celebration must be a result of an idea that comes from within our Section and not from something that is strongly encouraged from the outside.

Last year a group called the 150th Anniversary Committee was formed to plan activities. I use the word committee loosely since a committee usually consists of more than one person. John Vincent has been leading that "committee" and has been presenting ideas to the Illinois Section and exploring options in an attempt to inspire our group. At the last Board meeting, John presented a quiet and low-keyed idea that, on reflection, is perhaps a perfect way for us as a Section to celebrate our history.

The Illinois Section Board is presently developing selection criteria to define a list of the ten most significant civil engineering projects undertaken in the Illinois Section in the 150 years of our organization's history. As an example, it's clear that the reversal of the Chicago River is going to be on that list. Reversing the river protected the water supply and allowed our region to grow. It is a unique civil engineering wonder of the Illinois Section. (And the world for that matter). The same may be said for the highway system we now enjoy(?). But the reality is that the highway system is not unique to the Illinois Section. Therefore, the selection criteria will perhaps exclude that type of project from consideration. We may end up with a very interesting and unique list of projects once we have the selection criteria defined and an initial list identified.

The Section will then present ten selected projects  
*(continued on page 8)*

## 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

#### Editor - Lisa Harbert

Alfred Benesch & Company  
205 N. Michigan Ave., Suite 2400  
Chicago, IL 60601  
(312) 819-9776 ext. 308  
email [lisa@letsгойachting.com](mailto:lisa@letsгойachting.com)

#### Assistant Editor - R. Cliff Galitz

A. Epstein and Sons International Inc.  
600 W. Fulton St., Chicago, IL 60661  
(312) 429-8241

#### Copy Editor - Jack Franke

Chicago Bridge & Iron Co.  
1501 North Division St., Plainfield, IL 60544  
(815) 439-6568

#### News Coordinator - Bob Camillone

EnerTronics Engineering Corp.  
9245 Calumet Ave., Munster, IN 46321  
(219) 836-2120 FAX: (219) 836-1129  
Pres. Dave Kendall . . . . .(630) 574-2568  
Pres.-Elect Cleighton Smith . .(708) 366-7083  
Sec. Don Wittmer . . . . .(312) 930-9119  
Treas. John Zimmermann . .(847) 698-6400

Send change of address notices to the Secretary, Illinois Section ASCE, 203 N. Wabash, Room 2010, Chicago, IL 60601; or call (312) 263-1606, Fax: (312) 372-5673, or email at: [isasce@popmail.mcs.net](mailto:isasce@popmail.mcs.net)

Web Site: <http://www.mcs.net/~isasce/>

#### ASCE National Information

Phone: 1-800-548-ASCE  
Web Site: [www.asce.org](http://www.asce.org)  
Zone III Administrator  
Deana Camp x6207

**Submission deadline for the May/June Newsletter is April 10, 2001**

## Permitting Workshop

## Permitting Workshop

**Thursday, April 19, 2001 from 7:30am-4:30pm at Monty's Elegant Banquets, Bensenville, IL**  
**Sponsored by the Urban Planning and Development Group of the American Society of Civil Engineers**

The purpose of the Permitting Workshop is to provide a forum for engineers, developers and planners interested in learning about recently adopted ordinances and changing methodologies in the planning, design and construction of projects in Northeastern Illinois. Topics covered in the workshop include permitting requirements related to site grading, detention storage, floodway construction, wetland construction and mitigation, sanitary sewers and water mains, and roadway and driveway construction. Speakers will include representatives from the MWRD, U.S. Army Corps, U.S. Fish and Wildlife Service, IEPA, IDNR, IDOT, DuPage County Health Department, and DuPage, Kane and Lake Counties DOT, and Stormwater Divisions for DuPage, Kane and Lake Counties.

**Registration:** \$130 for ASCE members and \$140 for non-members. Includes continental breakfast, lunch, and a binder including permit applications and other information required by agencies. Deadline is April 12, 2001. After April 12, 2001 a \$10 late registration fee will be charged if space is available.

**For More Information:** Contact Lee Fell at Christopher B. Burke Engineering, Ltd. at (847) 823-0500.

# ASCE Illinois Section EE&WR Group to Co-host Society of Wetland Scientists 22nd Annual Meeting

The ASCE Illinois Section EE&WR Technical Group is co-hosting the Society of Wetland Scientists 22nd Annual Meeting. The conference will be held in Chicago, May 27 through June 1, 2001 at the Congress Hotel and Convention Center. We invite everyone who is involved in wetland science, research, protection, management, education, or policy to attend this conference that has a theme centered on urban wetlands.

Recent newsworthy events regarding wetlands will be discussed. These include the highly publicized U.S. Supreme Court ruling regarding "isolated wetlands" which involved the **Solid Waste Agency of Northern Cook County ("SWANCC") v. U.S. Army Corps of Engineers**, No. 99-1178 (January 9, 2001).

The Society of Wetland Scientists is a non-profit organization founded in 1980 to promote wetland science and the exchange of information related to wetlands.

The objectives of the Society are:

- To operate solely and exclusively as a charitable and educational organization to foster conservation and understanding of wetlands;
- To advance public education and enlightenment concerning the Nation's wetland resources;
- To provide an independent forum for an interchange of ideas and data developed within wetland science;
- To develop and encourage wetland science as a distinct discipline by supporting student education, curriculum development, and research;
- To encourage and evaluate the educational, scientific, and technological development and advancement of all branches of wetland science and practice; and
- To encourage the knowledgeable management of wetland resources.

The Society continues to grow and has over 4000 members from the U.S., Canada, Mexico and many other countries. The Society's annual meeting demonstrates the presentation of scientific and technical information and maintains numerous other programs in support of student research and wetland science.

Conference field trips include: Midewin National Tallgrass Prairie; Urban Mitigation Banks; Lower Fox River Canoe Trip; Lost Valley Marsh and Nippersink Creek Restoration; Grass Island Restoration and

Turner Lake Fen Restoration; Geological History of Northern Illinois; Indiana Dunes National Lakeshore; Elm Road Forest Northern Flatwoods and Middlefork Savanna; Prairie Crossing Conservation Community; Lake Calumet Region; Fens of Northeastern Illinois; Fox River Bicycle Trip; Wet Dolomite Prairies; Illinois Beach State Park and Chiwaukee Prairie; Vegetation, Hydrology and Natural History of the Cedarbug Bog; Brewster Creek Wetlands Restoration; Des Plaines River Wetland Demonstration Project and Mitigation Bank.

As the Society is a charitable and educational organization, it is the goal of the Society to keep registration costs low by soliciting sponsorship. We encourage local firms and individuals to consider sponsoring the annual meeting. Donations for the following specific purposes are sought:

- Underwriting cost of the dinner at John G. Shedd Aquarium to enable all participants an opportunity to visit this world-class Chicago institution;
- Underwriting cost of opening night mixer for guests in the Gold Room of the Congress Hotel;
- Providing funding for student stipends for attendance at conference;
- Providing funding for coffee breaks during concurrent and plenary sessions;
- Providing funding for transportation and lunch for field trips throughout the Chicago region that will showcase northeastern Illinois' wetlands and wetland resource management;
- Providing funding toward general conference expenses to keep registration fee at \$200.

Sponsorship payments should be made payable to: **University of Illinois at Urbana-Champaign Reference: Account #1-3-64146-0660/Society of Wetland Scientists**

## MAIL TO:

University of Illinois at Urbana-Champaign  
Conferences and Institutes,  
Office of Continuing Education  
Attention: Ms. Kendra Bair  
302 East John Street, Suite 202, MG433  
Champaign, IL 61820

For more information regarding sponsorship opportunities, please contact Mark Thompson, TAMS Consultants, Inc., One East Wacker Drive, Suite 1200, Chicago, IL 60601, Phone: (312) 670-1995, or Email: mthompson@tamsconsultants.com.

Registration for the Conference can be completed on-line or mailed. The registration form can be obtained from the December 2000 SWS Bulletin or downloaded from the internet. Please mail the registration along with proper payment to: SWS 2001 Cashiering Office, University of Illinois at Urbana-Champaign, 162 Henry Administration Building 506 South Wright Street, Urbana, IL 61801, Telephone: 217-333-2888 (between 8:30am and 5pm CDT US), Fax: 217-333-9561 (24 hours a day)

Additional information regarding the Society of Wetland Scientists 22nd Annual Meeting can be obtained from the internet at [www.sws.org/chicago](http://www.sws.org/chicago) or by contacting Jeff Mengler of U.S. Fish and Wildlife Service at (847) 381-2253 ext. 226 or [jeff\\_mengler@fws.gov](mailto:jeff_mengler@fws.gov). We look forward to seeing you there.

## Assistant City Engineer

The City of Waukegan is seeking an Assistant City Engineer for its eight-person department to perform engineering design, construction inspection, contract administration and storm water management. Good oral and written communication skills required. Familiar with IDOT Procedures, MicroStation, ArcView and water and stormwater modeling is desirable. Requires B.S. in Civil Engineering with P.E. Send resumes with salary history to: City of Waukegan, HR Department, 420 Robert V. Sabonjian Place, Waukegan, IL 60085 or fax resumes to: (847) 249-5296. EOE

**Waukegan, IL Salary \$53,261-\$61,181**

# Illinois Section News & Secretary Report

M A R C H 2 0 0 1

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.

## ■ *Treasurers Report*

The Treasurers Report was postponed until the April Board meeting.

## ■ *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:

▲ The Geotechnical Group had no report.

▲ The Structural Group held their February Dinner Meeting on February 21, 2001, at the Como Inn in Chicago. The featured speaker was Mr. Jeff Winick of Stein, Ray and Harris and the topic was "Professional Liability Issues Related to the Revised Chicago Façade Ordinance". The Biennial Structural Group Lecture 2001 Series "Bridges" is scheduled to begin March 6, and continue on March 20, April 3, and April 17 at the Harold Washington Library. The topic for the March 6 lecture is "Jointless Bridges" and the speakers are Dr. Habib Tabatabai, University of

Wisconsin - Milwaukee and Ed Wasserman, Tennessee DOT. The topic for the March 20 lecture is "Design of Curved Bridges" and the speakers are Sheila Duwadi, Federal Highway Administration and Chai Yoo, Auburn University. Over 130 people have registered. March 15 is the deadline for the submittal for the Lifetime Achievement Award.

▲ The Environmental Engineering and Water Resources Group held their monthly planning meeting on February 8. This month's planning meeting will be held on March 8, 2001, at 5:30 p.m. at Christopher B. Burke Engineering office in Rosemont. The next monthly meeting will be held April 5, 2001. Annual activities include introductory FEQ in the fall, Society of Wetlands Conference, and a combined HEC-RAS and HEC-HMS dinner meeting in the fall. No response to the newsletter has been received regarding feedback on water resources training and seminars.

▲ The Urban Planning & Development Group held their group meeting on February 15 at Denny's in Oakbrook Terrace. The group discussed announcements and speaker arrangements for the Development Permit Seminar scheduled for April 19, 2001, at Monty's in Bensenville. Most public permitting agencies will be in attendance. The group will hold their next monthly planning meeting on March 15, 2001, at 7:30 a.m. at Denny's in Oakbrook Terrace.

▲ The Transportation Group held a planning meeting for upcoming activities on February 7 at Knight Architects Engineers and Planners. A technical program was held on Thursday, March 1 in which Tim Faerber of HNTB Corporation presented on the Chicagoland Speedway project in Joliet. The next monthly group meeting is scheduled for March 14 and April 11 at 5:30 p.m. at the offices of Knight. A technical program is scheduled for Wednesday, March 28, 11:30 a.m., at the Como Inn with the speaker being J. Hartman and S. Abou-Sabh on the CTA Capital Improvement Program. The April technical program will be held on Wednesday, April 25 with the topic "Hillside Bottleneck Construction" and the May program will be held on Wednesday, May 23 with the topic "I-355 Extension". The group is planning a "Roadside Safety Course" on May 15-16 at IDOT's office.

▲ The Younger Member Group did not have a February meeting. The next monthly dinner meeting is scheduled for Thursday, March 22, 2001, at 5:30 p.m. on the Wacker Drive reconstruction project and will be a joint meeting with the U.I.C. Student Chapter. The speaker will be Dr. Mohsen Issa and the presentation will cover the material testing performed at U.I.C. for this project. Next month's activity will be held on Thursday, April 19 at Teng & Associates with Tom Wysocky of Thatcher Engineering as the speaker. The Group has 4 people taking the P.E. Videotape Review Course. The Group has scheduled their Annual Baseball Outing at Wrigley Field on Sunday, July 15.



## Northwestern University McCormick School of Engineering and Applied Science MASTER OF PROJECT MANAGEMENT Environmental Management

Northwestern University is pleased to call your attention to our expanded curriculum in Environmental Management within our well-established Master of Project Management (MPM) degree program. The intent of the Environmental Management specialization is to prepare technically qualified individuals with modest work experience for responsible management roles as the next step in their career development. A custom tailored series of twelve quarter-courses will be established for each individual with the consideration for their engineering or science background, current position, and career objective. The overriding goal is to provide a graduate with basic understanding and competency in environmental laws and regulations, data analysis and management, risk assessment, impact evaluation, and environmental chemistry, together with management concepts involving finance, accounting, cost control, total quality management, scheduling, negotiation, and communication. The program is sufficiently flexible to accommodate both full-time and part-time students; most classes are offered in the late afternoon or evening on the Evanston campus. University faculty are supplemented by practicing professionals who bring a wealth of real-world experience to the course offerings. The MPM program currently has about 50 students, approximately half of whom are part-time.

To receive additional information regarding this program, visit our WWW site at <http://mpm.northwestern.edu/>

or phone Professor Raymond J. Krizek at (847)491-4040

or send an E-mail to [mpm@northwestern.edu](mailto:mpm@northwestern.edu)

## ■ Committee Reports

▲ Communications Committee Chair Harbert reported that the current newsletter was mailed out at the end of last week. The current deadline for articles this month is March 12. The lead article is by the District Director and the secondary article is by the EE&WR Group. An announcement of student winners may be included in the newsletter. Chair Harbert met with the Treasurer to discuss a revised ad rate structure. The Board is to review the memo and be ready to discuss at the April Board Meeting. The chair will look into soliciting ads from companies who recently advertised in the Chicago Tribune. The issue of the Section mailing list was discussed and it was determined that the list should not be distributed to groups or organizations without Board approval.

▲ President Elect Smith has had trouble setting up the Spring Suburban / President Elect dinner meeting. The National President Elect is busy during April and May so the two meetings may need to be split up again this year. Six student awards (each university allowed to give two awards) are given and also the Group scholarships (EE&WR, Trans., and Struct.) are given out. Discussed possibly holding in conjunction with Younger Member Group meeting and having a pizza party after work at a downtown location. We should expect 35 – 40 attendees with a possible date of April 25. Discussion focused on two ideas: structured speaker at a more formal location (Como Inn) or speaker discussing ASCE at a less formal location (Giordano's). The Board decided to have the program with an ASCE focus at a place similar to Giordano's.

▲ 150th Anniversary Chair Vincent discussed the Section efforts on the 150th Anniversary. The flyer passed out at the Annual Dinner had few responses on suggesting names for Top 10 Projects and Top 10 Engineers in the Illinois Section. The chair has done some research and has developed a list of both categories. Awards could be passed out to the winners and a book or booklet can be developed on the winners. More information will be developed for the Newsletter to solicit input from the members.

▲ Director Johnson reported for the Minority Affairs Committee. They will present a proposal at the next Board meeting.

## ■ New Business

▲ A date has been set to award the Monuments of the Millennium award on September 19th in recognition of the "Reversal of the Chicago River". The ASCE President will be presenting the award.

▲ The Illinois Section Annual Dinner Meeting has been set for October 17th at the Palmer House Hilton. The bill for this year's dinner has been received and paid.

▲ On March 8th at 10:30 a.m., the new "ASCE Infrastructure Report Card" will be presented live at a press conference. District Director Textor will be the local contact for the press. Also included are state report cards in addition to the national report card.

—By Don Wittmer, Secretary

## Roadside Safety Course

May 15-16, 2001  
IDOT Headquarters, Schaumburg

ASCE along with IDOT is offering the Roadside Safety Course. The course will look at Roadside Safety from the State of Illinois perspective. The teacher will be Charles Sanders, PE. Mr. Sanders, a former IDOT employee, has over 35 years experience with IDOT, with 20 years as a Policy Engineer with the BDE. For the past six years he has been the lead instructor of the Roadside Safety Course used by the Department to train its own engineers.

Topics to be covered include: The Clear Zone Concept, 3R Policies for Roadside Safety, Roadside Geometry, etc.

The cost will be \$295 per person. This will include refreshments, box lunches, and all course material.

To register, call Robert Giurato at 312-356-5400, Extension 113.



## STS Consultants, Ltd. Solutions through Science and Engineering

STS Consultants is a 450 person engineering firm with offices throughout the Midwest. Our services include stormwater and coastal design, landfill design, railroad design, general civil design, geotechnical engineering, structural rehabilitation and other civil engineering disciplines. We offer challenging opportunities in a professional environment where we achieve innovative, yet practical solutions for our clients. Employment at STS includes a competitive salary, an excellent benefits package, incentives for superior job performance and a supportive work environment.

**STS has immediate opportunities for:**

**Water resources engineers, entry through senior level**

**Landfill engineers, entry through senior level**

**Senior CADD Operator, AutoCAD and/or MicroStation**

**Licensed Structural Engineer, civil and rehabilitation projects**

Fax your resume to : Lona Hough at (847) 279-2510 or email: [hough@stsltd.com](mailto:hough@stsltd.com). EOE  
M/F/D/V – 750 Corporate Woods Parkway, Vernon Hills, Illinois 60061-3153

## Section

## Activities

### Younger Member Group

The Younger Member Group would like to invite you to join us in congratulating students from UIC, IIT, and Northwestern. YMG is proud to be co-sponsoring the President Elect/Student Awards Dinner. Come out and meet the Illinois Section President Elect, Cleighton Smith.

The evening will begin with Mr. Tom Wysocky of Thatcher Engineering talking about pile testing in the field. The technical groups of ASCE will present their scholarships and President Elect Smith will present the Student of the Year Awards. Mr. Michael Goodkind of Alfred Benesch will then talk about ASCE and our 150th Anniversary.

**Date:** Tuesday, April 24, 2001  
**Time:** 5:30 p.m.  
**Place:** Giordano's, 310 W. Randolph  
**Cost:** \$20.00 / Students \$10.00

Please call Lisa Harbert at (312) 819-9776 ext. 308 or Cleighton Smith at (708) 366-7083 for reservations.

If you would like to receive monthly e-mails from the Younger Member Group, please e-mail Mark Bendok at mbendok@benesch.com.

### 2001 ASCE - YMG Golf Outing

It's time to look ahead to warmer weather and sunny days. Come join us for the 2001 ASCE - YMG Golf Outing. The outing is scheduled for Saturday, June 23 at the Gleneagles Country Club in Lemont. Tee times start at 12:00 PM. The outing will be a best ball scramble with 4 person teams. Full foursomes and singles are welcome. Call Jack Franke at 815-439-6568 or jfranke@chicagobridge.com for more information.

### Urban Planning & Development Group

The Urban Planning & Development Group will host a Permitting Workshop on Thursday, April 19, 2001. Please see the ad on page 2 of this newsletter. Due to the workshop, there will be no regular meeting of the Urban Planning & Development Group in April.

Group meetings are held every third Thursday of the month.

Our next scheduled meeting is:

**Date:** Thursday, May 17, 2001  
**Time:** 7:30 a.m.  
**Place:** Denny's Restaurant  
Oakbrook Terrace, Illinois

### Structural Group

There will be no Structural Group dinner meeting this month in lieu of the Biennial Lecture Series. If you would like to attend the lecture series, but have not signed up, please contact Mr. Jim Buckler at (312) 424-5409 for more information.

### Environmental Engineering & Water Resources Group

Meetings will take place on Thursdays through April. In May, we will resume with holding our meetings on the second Tuesday of the month. We always welcome new people and ideas for future seminars and social activities. If you would like to be active in planning activities related to environmental or water resources engineering and would like more information contact Greg Boehm at (847) 634-5550. Please also contact Mr. Boehm with suggestions of future training seminars such as HEC-RAS, HEC-HMS, HEC-1, HEC-2, TR-20, WSP-2, FEQ, BMP's, IDOT drainage issues, wetlands hydrology . . . to help in our planning of future seminars.

**April Meeting:**  
**Date:** April 5, 2001

**May Meeting:**  
**Date:** May 8, 2001

**Time:** 5:30 p.m.  
**Place:** Christopher B. Burke  
Engineering, Ltd.  
9575 W. Higgins Road  
Rosemont, IL

For more information contact Greg Boehm at (847)634-5550

### Transportation Group

**April's Activities: Group Meeting**

**Date:** April 11, 2001  
**Time:** 5:30 p.m.  
**Place:** Knight Architects Engineers  
Planners  
Organizational and Planning  
Meeting for Upcoming Activities

Technical Program (tentative)  
Mr. Gene Joynt  
Hillside Bottleneck Construction  
Wednesday, April 25, 2001 at  
11:30 a.m.  
Como Inn

**May's Activities: Technical Program**

**Mr. Pete Harnet, IDOT**  
**(Mr. Marty Joyce, HDR)**  
**Topic:** I-355 Extension  
**Date:** Wednesday, May 23, 2001  
**Time:** 11:30 a.m.  
**Place:** Como Inn

For reservations please call David Farmer at 312-733-7000 ext. 6703 by Friday, April 20, 2001.

### Geotechnical Group

No report submitted

### Minority Affairs Committee

The Minority Affairs Committee meets the first Wednesday of every month. At our next meeting we will be discussing organization of this year's ASCE Golf Outing, our annual sponsorship of Chicago area high school students to an Introduction to Engineering Summer Camp, and compilation of a resume book of college students in search of summer internships with area consulting firms. All interested in helping organize these activities are encouraged to attend.

**Date:** Wednesday, April 11, 2001  
**Time:** 5:30 p.m.  
**Place:** Harza Engineering  
Sears Tower  
233 South Wacker Drive  
9th Floor  
Chicago, IL  
**RSVP:** Hugo Guevara (312) 938-0300  
ext. 4244  
Email: hugo.guevara@cte-eng.com

## Infrastructure Report Card *(continued from page 1)*

Key facts concerning Illinois infrastructure are as follows: Thirty-six percent (36%) of Illinois' roads are in poor or mediocre condition; twenty-one percent (21%) of Illinois' bridges are structurally deficient or functionally obsolete; sixty-two percent (62%) of Illinois' schools have at least one inadequate building feature; seventy percent (70%) of Illinois' schools have at least one unsatisfactory environmental feature; Illinois' drinking water infrastructure needs almost \$5.35 billion over the next 20 years; Illinois' wastewater infrastructure needs almost \$11.2 billion over the next 20 years.

ASCE has developed specific policy recommendations for America's infrastructure. These include, for roads, bridges and mass transit, full funding of the Transportation Equity Act for the 21st Century (TEA-21) and reauthorization of TEA-21 in 2002. For schools, expand federal tax credits to support increased use of school construction bonds, and continue and increase Federal grants for high-poverty, high-need school districts. For drinking water and wastewater, funding of \$5 billion annually over five years under the current State Revolving Loan Fund (SRFs) program in the Safe Drinking Water Act, and additional Congressional appropriations of \$6 billion annually over five years for immediate wastewater infrastructure repairs and system upgrades under the Clean Water Act.

These are some of the policy recommendations put forth by ASCE. I urge you as a member of the Society and as a member of society to become educated and vocal. Read the information on the website ([asce.org](http://asce.org)) and contact your state and federal elected officials.

—by G. Nicholas Textor, P. E., District 8 Director

## *President Elect / Student Awards Dinner*

*Co-hosted by  
The Younger Member Group and  
The Illinois Section*

April 24, 2001

Giordano's, 310 W. Randolph in Chicago

Dinner: 5:30-6:00

Speakers and Presentations: 6:00

Come meet next year's ASCE Illinois Section President and Congratulate area students as we present Student of the Year Awards and Scholarships to students from University of Illinois at Chicago, Illinois Institute of Technology and Northwestern University.

Cost is \$20 per person/ \$10 for students.

For Reservations call  
Lisa Harbert 312-819-9776 ext. 308 or  
Cleighton Smith at 708-366-7083.

## **SENIOR ENVIRONMENTAL TECHNICIAN**

### **DUPAGE COUNTY WHEATON, ILLINOIS**

*Starting Salary:*  
**\$36,540-\$45,675**  
*annually*

**W**e are a county government located approximately 30 miles west of the city of Chicago in Wheaton, Illinois. Our Development and Environmental Concerns Department has a full time opening for a Senior Environmental Technician. Responsibilities include: reviewing plan submittals for compliance with unincorporated and countywide storm-water management regulations; assisting with monitoring wetland/riparian mitigation and wetland banking; performing site inspections; providing assistance to DuPage municipalities and permit applicants regarding wetland/riparian and sediment/erosion control issues; performing field investigations; providing technical and design assistance for stream bank maintenance; other duties as assigned.

This position requires the completion of an Associates Degree in Environmental Science or Civil Engineering and two years of progressively responsible experience in an environmental or sub professional engineering field; or an equivalent combination of training and experience.

To apply, submit resume to Personnel, DuPage County, and 421 N. County Farm Road, Wheaton, IL 60187. Please refer to job code #5132. Fax# (630) 682-6990. [www.dupageco.org](http://www.dupageco.org); Email: [Personnel@dupageco.org](mailto:Personnel@dupageco.org). EOE

President's Notes (continued from page 2)

jects and the selection process to the general membership of the Section in the newsletter and ask our members to name better projects than those identified. That's all we ask of you is to THINK. Name a better project than what is on the list and either fax or e-mail that suggestion to us for consideration. Very little work will be required on your part as a member other than to THINK about the list presented and the two minutes it takes to send an electronic response to us.

The ultimate product will be a booklet that will incorporate the Illinois Section member's responses. The projects will be defined in text and in pictures and will document what we as a Section thought was important and noteworthy in our 150 year history. Some have suggested that it also include a list of the Illinois Section members in the year 2002, their names, the schools they graduated from and the companies they work for at the time the list is compiled.

When all is said and done, the booklet will serve as a time capsule to explain whom we were and what we thought was important to us after 150 years of existence. It will be as slick and professional as time and money will allow and hopefully may be donated to local libraries. Perhaps in another fifty years, our children and grandchildren will find it on a dusty old shelf, our collective voices "from the past", defining who we thought we were as professionals and as an organization way back in the year 2002.

I know the idea at first blush isn't as exciting as a parade down State Street or fireworks along the lakefront but great events and ideas always seem to sneak up on us quietly. I think this may be one of them.

Thank you, John Vincent, for your efforts. You've got my support and I hope the support of many others in our Section. We'll be looking for announcements soon.



Chicago Land Geopak  
Users Group (CLGUG)  
April 18, 2001

*First Semi-Annual Meeting*

Wyndham Northwest Chicago Hotel from  
8:00 am – 5:00 pm.

For more information please visit our web site at [www.civilsolutionsinc.com](http://www.civilsolutionsinc.com). There is a CLGUG Section with tips and tricks, along with meeting information. For direct E-mail information, please E-mail [clgug@civilsolutionsinc.com](mailto:clgug@civilsolutionsinc.com).

**HEC-RAS CLASS**

Environmental Engineering And Water Resources Group is Planning a 3-Day Seminar with Computers. The seminar is being scheduled for June or July. For details or to reserve spots contact Greg Boehm at (847)634-5550 or [GBoehm@Manhard.Com](mailto:GBoehm@Manhard.Com)

PRESORTED  
FIRST CLASS MAIL  
U.S. POSTAGE PAID  
LOMBARD, IL  
PERMIT NO. 28

ASCE Illinois Section  
**NEWS**  
203 N. Wabash, Room 2010  
Chicago, Illinois 60601