

CTL - \$100  
BREAK OUT EE +WR FLYERS IN BILL**ASCE**American Society  
of Civil Engineers**INSIDE:****National Engineers  
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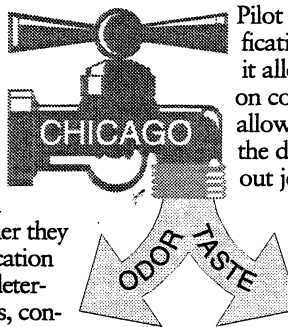
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**Inserts:**Advanced HEC-RAS  
Hydrologic Simulation**Advertise in the  
Illinois Section  
Newsletter  
and reach  
almost 2,000  
Civil Engineers in  
the Chicago Area.**Call the editor,  
Don Wittmer,  
at (312) 930-9119  
for details.**ASCE Illinois Section**  
**News**Vol. 41, No. 1  
January 2000**Chicago Pilots Taste and Odor Control**

**W**hen you think of Chicago, you think big—the Sears Tower, O'Hare International Airport, Lake Michigan, and Navy Pier are great examples. Seldom mentioned, but just as much a part of everyday life as the high rises and waterfront, is Chicago's 1.44-billion-gallon-per-day (bgd) water purification system. Chicago's Department of Water (CDOW) operates the Jardine water purification plant (JWPP) and the South water purification plant (SWPP). Together they comprise one of the largest water purification systems in the world. So when the city determined they had taste and odor problems, controlling them was viewed as no small task.

**Responding to Ecological Changes**

The CDOW is responsible for the effective purification, distribution, and quality control of drinking water for five million water customers in Chicago, and more than 120 surrounding communities. Receiving water from intakes located in Lake Michigan, the city's conventional treatment process includes pretreatment, rapid sand filtration, and chlorine disinfection. Over the past few years taste and odor complaints received by the CDOW have increased. Based on laboratory studies, the CDOW determined that compounds released by blue-green algae present in Lake Michigan are causing the taste and odor problems in the drinking water system. The current theory is that the zebra mussel growth in the lake has caused ecological changes responsible for the increase of the blue-green algae, and thus, increased incidences of taste and odor episodes.

**Developing Study Based on City's Needs**

In July 1998, Camp Dresser & McKee Inc. was retained by the CDOW to develop a comprehensive

pilot plant study program to evaluate alternative treatment techniques for taste and odor control, and also to address regulatory and operational issues. Pilot testing affords a relatively inexpensive verification of system design requirements because it allows the city to define improvements based on conclusive study results. As important, it allows the city to evaluate their source water for the design of cost-effective improvements without jeopardizing full-scale operations.

Phase I of the project consisted of a series of workshops to identify and review existing water quality data, previous taste- and odor-related reports, and current and future regulations; overall goals for the pilot plant; staffing; and sampling and analysis requirements. The second phase involved the physical setup of the pilot plant, calibration of the pilot plant to the existing full-scale processes, and investigation of new treatment scenarios. The pilot plant is of modular design and was customized for the city based on its needs.

**Providing For the Future**

Project planners listened carefully to what CDOW wanted to accomplish with the pilot plant testing program. The resulting program allows the city to examine how to provide better drinking water for their consumers and also how to do it most cost effectively.

The pilot plant program extends beyond the examination of ozone for taste and odor control. The program will also investigate the optimization of existing processes with the potential to improve water quality and/or reduce operating costs. It should also help the plant adapt to meet future regulations, like the Enhanced Surface Water Treatment Rule.

**Congratulations - Congratulations - Congratulations**

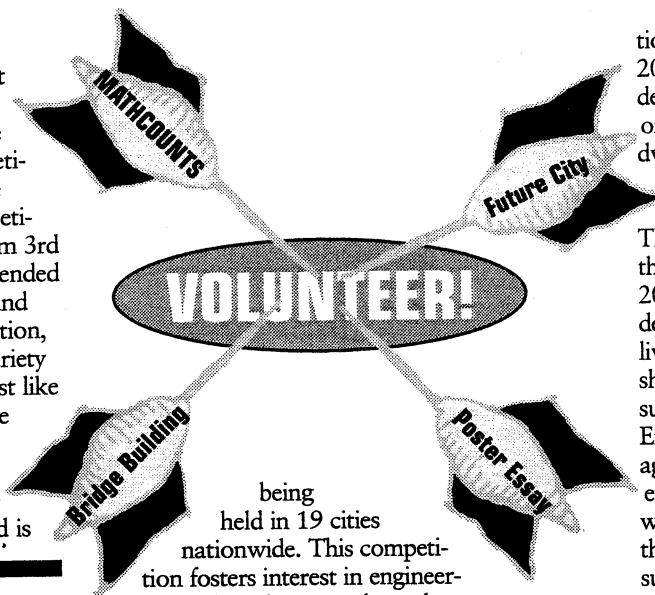
The Illinois Section Board would like to congratulate the following member for a recent award.

**Mr. Frank Kudrna**, Chief Executive Officer of Kudrna & Associates, Ltd. was awarded the Harland Bartholomew Award by ASCE National. The award was established by the Urban Planning and Development Division of the Society and is made to the person who shall be judged worthy of special commendation for contributions to the enhancement of the role of the civil engineer in urban planning and development.

# National Engineers Week Student Competitions

National Engineers Week is fast approaching and many student contests and competitions are in full swing. These include the Future City Competition, Poster Essay competition, MATHCOUNTS and the Bridge Building Contest. These various competitions are open to students ranging from 3rd grade through high school and are intended to create an interest in math, science and engineering. In order for them to function, volunteers are needed to perform a variety of different roles. This takes people just like you to lend a hand to help develop the engineers of the future.

The National Engineers Week, Future City Competition is in its 8th year and is



being held in 19 cities nationwide. This competition fosters interest in engineering, math and science through hands-on, real world application. Students use Sim City 2000™ software to design their city, build a scale model of a portion of their futuristic city, write a 500-word essay on a specific engineering topic, work as a team of 3 students, a teacher and an engineer mentor and apply their knowledge to real word situations.

The student teams begin work in October and compete at the regional competition on January 22, 2000. The winner of the regional competes in Washington D.C. at the national competition on February 22 and 23, 2000.

Judges are needed to help with the regional competition. They are asked to attend a training session and a pre-competition judging of posters and essays on the morning of Saturday, January 15, 2000. The judges are also asked to judge at the regional competi-

tion at U.I.C. on Saturday, January 22, 2000. This day involves judging the student's models and presentations. Please call or email Don Wittmer at (312) 930-9119 or [dwwittmer@hntb.com](mailto:dwwittmer@hntb.com) if you can help out with either or both days.

The Poster Essay Competition requires third through eighth grade students to write a 200-500 word essay on an engineer living or deceased who has had an impact on their lives or the world around them. The poster should illustrate the work or aspect of the subject engineer and the concepts of Engineers Week. The competition encourages students to explore their interest in science and engineering, and recognizes their writing and artistic skills. The team of up to three students and a teacher sponsor may submit essays and posters. Judges are needed to help with the competition. Please call Deborah Zroka at (773) 935-6376 if you can help out.

For twenty-five years, thousands of high school students have competed in the Bridge Building Contest. The students design, build and test their bridge to failure. The contest rules change from year to year. This is mainly done to prevent a winning design from being used again. Each year the students design new bridges to be the most efficient. Efficiency is defined as the weight a bridge supports without failing divided by its own weight. These bridges which weigh no more than 25 grams and span 300 millimeters can hold up to 100 kilograms. This gives them efficiency of up to 4,000. The complete rules for both the regional and international contests are available on the contest web page at [www.iit.edu/~hsbridge/](http://www.iit.edu/~hsbridge/).

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## 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 - Don Wittmer

HNTB Corporation  
111 N. Canal Suite 880, Chicago, IL 60606  
(312) 930-9119  
email: [dwwittmer@hntb.com](mailto:dwwittmer@hntb.com)

#### Assistant Editor - Lisa Harbert

Ciorba Group, Inc.  
5507 N. Cumberland Ave., Chicago, IL 60656  
(773) 775-4009

#### Copy Editor - R. Cliff Galitz

Patrick Engineering Inc.  
4985 Varsity Drive, Lisle, IL 60532  
(630) 434-7060 Ext. 1251

#### News Coordinator - Bob Camillone

EnerTronics Engineering Corp.  
9245 Calumet Ave., Munster, IN 46321  
(219) 836-2120 FAX: (219) 836-1129

Pres. John O'Holleran . . . . .(312) 930-9119  
Pres.-Elect Dave Kendall . . . . .(630) 574-2568  
Sec. Cleighton Smith . . . . .(708) 366-7083  
Treas. John Zimmermann . . .(847) 698-6400

Send change of address notices to the Secretary, Illinois Section ASCE, 203 N. Wabash, Room 1000, 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 Feb. Newsletter is Jan. 10, 2000**

## Civil Engineer Libertyville, IL

County of Lake's Division of Transportation's Traffic Engineering Department has an immediate need for a Civil Engineer. This position performs engineer work in connection with the location, design, construction, maintenance and operation of traffic signal systems. Also responsible for the optimization of signal timings, coordination plans, review and preparation of traffic signal studies, design and review of traffic signal installations, B.S. Civil Engineering and one year experience, preferable in transportation engineering. Apply to County of Lake, Human Resources Department, 18 N. County Street, 7th Floor, Waukegan, IL 60085 or fax to (847) 360-6592.

[www.co.lake.il.us](http://www.co.lake.il.us)

## President's Notes

John O'Holleran

One of the first official responsibilities of the new Section Board of Directors is the development and approval of the Section's annual budget. Although the budget is generally based on past historical precedent and commitment to on-going programs, the budget sets the tone and direction for

the coming year. The emphasis is always on providing our members a recognizable value for their support of the Illinois Section. I am pleased to report that the FY 2000 Budget, which is published in this month's newsletter, maintains the philosophy and commitment to this concept.

Before you review the specifics of the budget I think it is important to understand a little of the historic background on the philosophical approach to the development of the budget and financial administration of the Section over the past several years. The Section has been fortunate to receive strong financial and professional support from our membership over the past ten or more years. As a result, the Board was able to build a very strong financial balance sheet without approaching the members for additional support through increased Section dues. This condition is anticipated to continue for the foreseeable future. Let me rephrase that last sentence before I proceed. **There is no consideration to increase Section dues based on the current financial condition of the Section.**

Four years ago the Board, after evaluating the Section's financial position, made a conscience decision to draw down the surplus and commit to expanded service through the investment in activities identified as high priority programs by our membership. This commitment was intended to provide increased value and service for all Illinois Section members.

As I look back, I feel this commitment has resulted in significant advances in promoting the engineering profession and supporting our agenda. Our sponsorship of educational support for student chapter activities, minority programs and Engineers Week activities is at an all time

high. Communication with our members through our expanded newsletter continues to improve. A new focus on public policy involvement has helped shape and redefine our role as contributors in the decision making process of our communities.

These services compliment the continued strong technical programs that have been the foundation of the Section throughout our existence. It is critical that these activities continue and grow.

We recognize that the continued policy of deficit budgeting can not go on indefinitely. Although the Section is financially strong, we must begin to transition these programs and services from a Section supported activity to a self-sustaining and/or income generating activity. By doing so, we will be able to strengthen and expand these programs and initiate a new

set of programs for our members. I fully anticipate this transition to be accomplished through increases in advertising fees, sponsorships, personal contributions and modest increases in activity fees.

The Section Board is committed to providing a high quality program to our members, which supports continued education and promotes the civil engineering profession in our society. We are acutely aware of our responsibility to provide you with a recognizable value for your continued support of the Section. We are also dependent on your commitment to your profession. ASCE is a volunteer organization. Its strength is in our members and their active contribution. If you wish to become more involved or just want to offer new ideas please contact me at 312.930.9119 or [ASCE@HNTB.com](mailto:ASCE@HNTB.com).

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# Illinois Section News & Secretary Report

D E C E M B E R 1 9 9 9

In an effort to better inform ASCE Illinois Section Members of Board Meeting discussions and Section activities, the Section Secretary will be contributing this monthly article to the newsletter. Any feedback on the Section activities or membership needs is welcome and can be sent to the Section office address noted on the Newsletter's editorial section on page 2.

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 Group activities are as follows:

## ■ Group Reports

▲ The Structural Group reported 14 attendees at their November 10 dinner meeting at the Como Inn. Their featured speaker was Mr. Gary Pearson of the Case Foundation Company. His presentation focused on the River East Center, and the various types of foundation structural systems used on this project. A December meeting will be a social event at Mart Anthony's, Chicago on December 15. In addition, a January dinner meeting is being planned for the Como Inn on January 19. The featured speaker will be Dan Kutchma, of the University of Illinois at Champaign-Urbana; his presentation will focus on shear.

▲ The Geotechnical Group reported 51 attendees (including two students) at their November 9 dinner meeting at the Como Inn. Their featured speaker was Mr. John Fornek of the Geotechnical Branch of the Chicago District, U. S. Army Corps of Engineers. A December meeting will be held on December 14 at the Como Inn, featuring Mr. Art Stuke of Harza Engineering Company. The group is also preparing for the geotechnical lecture series to be held March - April 2000.

▲ The Environmental Engineering and Water Resources Group held a planning meeting at the offices of Christopher B. Burke Engineering Ltd. on November 9. The group has announced dates for HSPF (Feb. 2,3,4), HEC-RAS (May 22,23,24) advanced HEC-HMS (June 21,22,23). FEQ is planned for the spring. In addition, dinner seminars will be offered on NPDES Phase II and Digital

Floodplain Mapping. A holiday party is planned for Greek Islands on December 14. The next group planning meeting will be January 11, 2000.

▲ The Urban Planning & Development Group had their group planning meeting on November 11 at Denny's in Oakbrook Terrace. The group reported an excellent turnout (approximately forty people) for their Roundtable Development Seminar held on November 18, 1999. The next group planning meeting will be held on December 16.

▲ The Younger Member Group had 10 at their November 17 dinner meeting featuring Dr. Donald Hey. He gave a very interesting presentation on nitrogen farming. A holiday party is being planned for Ranalli's on December 14. They are also planning to be a part of WITW Pledge Night on December 9.

▲ The Transportation Group had a successful November dinner meeting on November 17 at the Como Inn. The featured speaker was Chris Snyder of Illinois State Toll Highway Authority, who discussed a study underway in Lake County, which includes a possible north extension of Route 53.

## ■ Additional Section Business

▲ The FY 2000 budget was approved by the board.

▲ The financial report of the Annual Dinner will be reported next meeting. The Palmer House sent a complimentary letter thanking us for our business. The Committee is making plans for next year back at the Palmer House. Discussion was held regarding potential dates. Wednesday, October 18 was the consensus choice of the Board.

▲ Secretary Smith reported that the Annual Report was submitted to headquarters on time this year (November 30).

▲ The Board sought delegates to attend the Zone III Management Conference in Denver February 4-6. Headquarters typically pays for two delegates to attend. The Illinois Section usually sends a third. The board approved sending the third delegate. In addition the board approved sending two delegates from YMG.

—By Cleighton Smith, Secretary

## 2000 National Engineers Week Future City Competition

### WANTED: ENGINEER JUDGES

The Future Cities Competition involves teams of 7th and 8th grade students that design a "City of the Future". The students are required to design their city using the Sim City 2000 software. The students then build a scale model of a part of their city. The students are also required to write an abstract about their city and also an essay on an engineering topic. The winning team will compete in the National Competition in Washington D.C. during National Engineers Week in February.

Judges are needed to help with the regional competition being held in Chicago. The judges are asked to attend a judge training session and a pre-competition judging of posters and essays on the morning of Saturday, January 15, 2000. The judges are also asked to judge at the regional competition on Saturday, January 22, 2000 at the University of Illinois at Chicago. This day will involve judging the student's models and oral presentations of their City.

Please participate and encourage your co-workers to assist us. This is a rewarding experience for everyone involved. I NEED YOUR HELP!

Contact me if you are interested in becoming a judge:  
Don Wittmer, HNTB Corporation, (312) 930-9119 (312) 930-9063 Fax,  
email: dwittmer@hntb.com

*Call for Nominations for*

# Lifetime Achievement Award

*The Illinois Section Structural Group is now accepting nominations for their Lifetime Achievement Award.*

*The Award recognizes an individual who has committed their career to the advancement of structural engineering.*

The Group's Executive Committee will select an award recipient based on the following criteria:

1. Shall be a Fellow of ASCE.
2. Preference will be given to individuals who have an Illinois Structural Engineer License.
3. Shall have demonstrated through career achievements, a commitment to the advancement of the structural engineering profession. This commitment could be manifested by exceptional efforts in any combination of:
  - a. Assistance in development and inspiration of new members in the profession.
  - b. Performance of technical committee work or beneficial research that expands the knowledge of the profession.
  - c. Participation in the dissemination of acquired knowledge to members of the profession through publishing and speaking.
  - d. Responsibility for noteworthy and innovative structural designs.
  - e. Service as a prominent spokesperson for the profession during its interaction with the public and/or government.
  - f. Service as an educator in structural engineering.

Please submit nominations by February 1, 2000 to: Dan Burke, Chair, Structural Group, ASCE-Illinois Section, 203 North Wabash Avenue, Suite 2010, Chicago, Illinois 60601, Phone (312) 744-5807

The award recipient will be notified during March 2000, and the award will be presented at a dinner meeting in May.

**CTL**, a multi-disciplinary consulting firm that provides specialized engineering and testing services is offering challenging opportunities to perform investigation of existing structures and architectural systems, analyses, repair design, and construction services. Requires strong interest in structural evaluation work, computer skills, and excellent written and verbal communication skills. Approximately 30% travel.

## STRUCTURAL ENGINEERS

MS degree with a minimum of 2 years experience in such areas as structural design, rehabilitation, and materials specifications.

## ARCHITECTURAL ENGINEER/ARCHITECT

Strong interest in investigation and repair of masonry systems and water leakage problems. Professional degree with a minimum of 2 years experience in design and detailing of masonry and other building wall systems.

## NONDESTRUCTIVE TEST ENGINEER

Perform NDT programs to evaluate structural conditions and construction materials. Must be able to develop a working knowledge and technical understanding of various stress wave methods, vibration analysis, and other NDT testing and instrumentation methods.

CTL offers competitive pay, excellent benefits and career development. To begin the process of mutual consideration, forward your resume with cover letter indicating your interest to:

**Ethel Doyle**

# CTL

5420 Old Orchard Rd., Skokie, IL 60077  
Fax: (847) 965-0859; E-Mail: [edoyle@c-t-l.com](mailto:edoyle@c-t-l.com)

## President's Notes

(continued from page 3)

### ILLINOIS SECTION-AMERICAN SOCIETY OF CIVIL ENGINEERS FY 2000 Budget

ACT. NO.	INCOME ACCOUNT	99 BUDGET	99 ACTUAL	00 BUDGET
21	Section Dues	\$ 34,000.00	\$ 31,541.00	\$ 32,000.00
22	Society Allotment	\$ 6,200.00	\$ 10,322.04	\$ 10,500.00
22A	Public Affairs Grant	\$ 7,000.00	\$ 9,364.00	\$ 3,154.00
23	Interest Income (Checking)	\$ 500.00	\$ 285.86	\$ 300.00
23B	Interest Income (Savings)	\$ 2,500.00	\$ 2,876.92	\$ 2,500.00
25	Contributions (Minority Program)	\$ 0.00	\$ 500.00	\$ 0.00
25A	Contributions (Miscellaneous)	\$ 0.00	\$ 3,750.00	\$ 0.00
31	Advertising Income (Membership Directory)	\$ 0.00	\$ 0.00	\$ 0.00
31A	Advertising Income (Newsletter)	\$ 3,800.00	\$ 1,782.00	\$ 2,000.00
34	Dinners (Annual Meeting)	\$ 15,500.00	\$ 21,712.45	\$ 22,000.00
34A	Dinners (Evening Meeting)	\$ 2,000.00	\$ 1,035.00	\$ 1,000.00
34B	Luncheons (Noon Luncheon)	\$ 0.00	\$ 0.00	\$ 0.00
36	Educational Conference	\$ 0.00	\$ 0.00	\$ 0.00
40C	Miscellaneous (General)	\$ 0.00	\$ 0.00	\$ 0.00
53A	Web Site	\$ 1,000.00	\$ 0.00	\$ 1,500.00
75	Golf Outing	\$ 7,000.00	\$ 5,125.00	\$ 6,000.00
		\$ 79,500.00	\$ 88,294.27	\$ 80,954.00

ACT. NO.	EXPENDITURE ACCOUNT	99 BUDGET	99 ACTUAL	00 BUDGET
22A	Public Affairs Grant	\$ 6,200.00	\$ 1,000.00	\$ 3,154.00
34	Dinner (Annual Meeting)	\$ 15,500.00	\$ 14,072.01	\$ 16,000.00
34A	Dinners (Evening Meetings)	\$ 5,000.00	\$ 934.92	\$ 2,000.00
34B	Luncheons (Noon Lunches)	\$ 2,000.00	\$ 0.00	\$ 0.00
35	ASCE Conferences	\$ 2,000.00	\$ 1,055.74	\$ 3,000.00
36	Educational Conferences	\$ 29,630.00	\$ 29,830.00	\$ 0.00
40	Miscellaneous (Awards)	\$ 300.00	\$ 220.00	\$ 300.00
40B	Miscellaneous (Groups)	\$ 2,000.00	\$ 0.00	\$ 2,000.00
40C	Miscellaneous (General)	\$ 1,500.00	\$ 309.94	\$ 1,000.00
40D	Miscellaneous (Engineer's Week)	\$ 500.00	\$ 1,250.00	\$ 1,500.00
41	Minority Program	\$ 4,000.00	\$ 5,682.00	\$ 6,000.00
51	Stationary & Office Supplies	\$ 2,500.00	\$ 1,761.72	\$ 2,500.00
51A	Office Equipment & Maintenance	\$ 500.00	\$ 561.09	\$ 700.00
52	Postage	\$ 800.00	\$ 276.39	\$ 500.00
53	Telephone	\$ 1,000.00	\$ 1,335.49	\$ 1,500.00
53A	Web Site	\$ 120.00	\$ 257.77	\$ 300.00
54	Newsletter	\$ 30,000.00	\$ 24,689.00	\$ 30,000.00
55	Year Book (Membership Directory)	\$ 3,000.00	\$ 0.00	\$ 3,000.00
60	Student Activities	\$ 4,500.00	\$ 3,000.00	\$ 4,500.00
63	Official Travel	\$ 2,000.00	\$ 783.76	\$ 2,000.00
65	ASCE Council (IEC & IECA)	\$ 810.00	\$ 1,010.00	\$ 1,200.00
68	Secretarial Services	\$ 12,480.00	\$ 12,480.00	\$ 12,480.00
70	Rent	\$ 3,000.00	\$ 3,130.72	\$ 4,000.00
75	Golf Outing	\$ 6,000.00	\$ 4,021.88	\$ 6,000.00
		\$ 135,340.00	\$ 107,662.43	\$ 103,634.00

## Younger Member Group

### January Dinner Meeting

#### Seoul-Inchon Navigation Project

Ever wonder about the design effort behind the building of the Panama Canal? How about the nuances of an overseas project? If so please join us for a presentation on a current waterway project in Korea that Austin Powers would call, "Mini-Panama Canal". The project is a 11.2 mile long navigational and flood control canal between the West Sea and Han River with three locks on the Inchon end and two locks on the Seoul. The program will be presented by Mark Calvino, Manager of Waterfronts, Ports and Navigation at HARZA Engineering Company.

**Date:** Thursday, January 27, 2000

**Time:** 5:30 p.m.

**Place:** Chicago Sears Tower  
HARZA Engineering Company  
10th Floor Training Room

**RSVP:** to Ryan Issel at (312) 831-3163

**Cost:** \$12

### E. Review Course Videotape Program

Beginning in February, the ASCE Illinois Section -Younger Member Group (YMG) is offering an eight week Civil Engineering Exam Review Videotape Program. The program is a product of ASCE National's Continuing Education Services and consists of 23 hours of videotape filmed of an ASCE P.E. review class. For more information, call Jennifer Crain at (312) 616-7413 or Joe Neal at (312) 565-0450 or look in next month's newsletter.

## Urban Planning & Development Group

Concerned about the civil engineering profession? Visit our next meeting to discuss these items with fellow civil engineers involved in government, private practice, construction, consulting, and other disciplines.

Group meetings are held every third Thursday of the month. The back room at Denny's has been reserved for the Group. Our next scheduled meeting is:

**Date:** Thursday, January 20, 2000

**Time:** 7:30 a.m.

**Place:** Denny's Restaurant  
17 West 660 22nd Street  
Oakbrook Terrace, Illinois

## Structural Group

### Presents:

Are the New AASHTO LRFD Shear Design Provisions Really Necessary

by: *Dan Kuchma, Assistant Professor  
Department of Civil and  
Environmental Engineering  
University of Illinois at Urbana-Champaign*

New shear design provisions ask bridge engineers to discard their long-standing design procedures and accept an unfamiliar design philosophy. To set the stage for the discussion of this situation, the presentation will begin with a brief history of the development of shear design provisions and their shortcomings. It will then focus on research conducted over the last two decades that has led to the development of a behavioral model for structural concrete subjected to shear. The new AASHTO LRFD design provisions that were derived from this model will be presented followed by a demonstration of a free software program for member design.

**Date:** Wednesday, January 19, 2000

**Time:** 5:30 pm Social  
6:00 pm Dinner  
7:00 pm Presentation

**Place:** Como Inn  
546 North Milwaukee Avenue  
Chicago, Illinois

**Cost:** \$30 / Students \$15

**RSVP:** Barb Pries at (312) 263-1606  
By Friday, January 14, 2000

## Transportation Group

### January Luncheon Meeting

Reconstruction of Interstate Highway 74 in Peoria

by: *Mr. David J. Morrill  
Senior Project Manager  
Alfred Benesch & Company*

Mr. Morrill will provide an overview of IDOT District 4's reconstruction and expansion of I-74 which passes through the heart of downtown Peoria, Illinois. This 4-lane, 11 mile stretch of interstate, built in the mid-1950's to mid 1960's, is one of the oldest corridors on the interstate system. The project encompasses 43 bridges and 12 interchanges which must be brought up to current interstate design standards.

Please join us for an enjoyable and informative afternoon.

**Date:** Wednesday, January 19, 2000

**Time:** 11:30 a.m. -12:00 noon Social  
12:00 noon Lunch  
12:30 p.m. Presentation

**Place:** Maggiano's Little Italy  
516 N. Clark Street  
Chicago, Illinois 60610

**Cost:** \$25.00/ Students \$15

**RSVP:** Ryan Issel 312-831-3163 or  
Huron Winstead 847-279-2466  
by Friday, January 14, 2000.

## Geotechnical Group

The next Group meeting will be held on Tuesday, January 18, 2000. Please note that this meeting will be on the third Tuesday of the month rather than the usual second Tuesday of the month. This will be a joint meeting with the Association of Engineering Geologists (AEG). More details on the speaker, presentation title, and location of the meeting will be provided in the Meeting Announcement.

We are in the process of updating our e-mail address list. If your e-mail address has changed recently, please contact Bill Walton, Vice-Chair of the Geotech Group, at 847-279-2493 or e-mail walton@stsltd.com.

## Environmental Engineering & Water Resources Group

The Executive Committee of EE&WR meets the second Tuesday of every month. We always welcome new faces and ideas. If you would like to be active in planning activities related to environmental or water resources engineering and would like more information contact Rob Covey at (630) 682-6713.

Next Regular Meeting:

**Date:** January 11, 2000

**Time:** 5:30 p.m.

**Place:** Christopher B. Burke  
Engineering, Ltd.  
9575 W. Higgins Rd., Suite 600  
Rosemont, Illinois

**Info:** Rob Covey (630) 682-6713

A 3-day HSPF workshop is being offered by ASCE EE/WR in cooperation with the USGS. See the attached flyer for more information.

## National Engineers Week Student Competitions

(continued from page 2)

The twenty-sixth annual Chicago Regional Bridge Building Contest will be held February 15, 2000 at the Illinois Institute of Technology in Chicago. The International Bridge Building Contest will be held May 6, 2000 in Scranton, PA. Engineers, particularly structural engineers, are needed to help judge the Chicago regional contest. The judges witness the students' testing of their bridges, talk with them about how their bridges failed and what can be done to improve them. Those interested can contact George Krupa of Clark Dietz at (312) 648-9900 or by email at georgek@clark-dietz.com.

The MATHCOUNTS program is a nationwide combined effort of the education, business, government and technological communities to promote math excellence among junior high school students. The Chicago Chapter of ISPE implements the program for schools within our boundaries, which number over 700. The winners from the Chicago competition will go to the state competition in Champaign on a Saturday in March. Winners from state go to the National Competition in Washington D.C.

Over 155 schools and 600 students will be tested at U.I.C. Volunteers are needed to help with the judging. Call Alan Gdalmán at (312) 666-3535 or email at agatdjechi@aol.com to help out.

Please find the time to volunteer with one or all of these valuable competitions. Remember that, you can help shape the engineers of tomorrow.

## Calendar of Events

**2000**

January 11	EE&WR Executive Committee Meeting
January 11	SEAOI Dinner Meeting, Call 312-372-4198
January 15	Future City Competition Pre-Judging
January 19	Structural Group Dinner Meeting
January 19	Transportation Group Dinner Meeting
January 20	UP&D Group Meeting
January 22	Future City Competition
February 2-4	HSPF Workshop sponsored by EE&WR Group and USGS
February 4-6	Zone III Leadership Conference, Younger Member Council and Student Workshop, Denver, Colorado
February 15	2000 Chicago Regional High School Bridge Building Contest
February 20-26	National Engineers Week
February 22	Washington Award Banquet
February 25	Illinois Engineers Week Luncheon
May 22-24	HEC-RAS Seminar sponsored by EE&WR Group
June 21-23	HEC-HMS Seminar sponsored by EE&WR Group

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