

the news



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PHILADELPHIA SECTION
AMERICAN SOCIETY OF CIVIL ENGINEERS
P. O. Box 58186, Philadelphia, PA 19102-8186

Vol. 64-2

Our 78th Year

November/December 1991

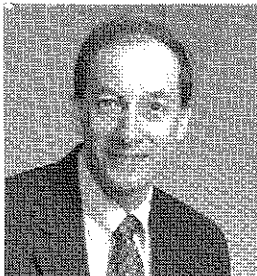
OCTOBER JOINT DINNER MEETING

Philadelphia Section, American Society of Civil Engineers
Delaware Valley Chapter, American Water Works Association

TUESDAY, NOVEMBER 19th, 1991

Location: WILLIAMSON'S, GSB Building, City Line Avenue, Philadelphia
Cocktails - 5:30 p.m. Dinner - 6:30 p.m. Meeting - 7:30 p.m.

SUBJECT: PROGRAM DEVELOPMENT FOR THE PENNA. DEPT. OF TRANSPORTATION
SPEAKER: HOWARD YERUSALIM, P.E., Secretary, PA Department of Transportation

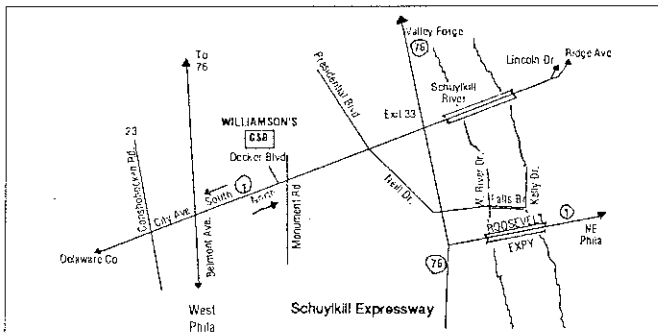


As the senior transportation official in the Commonwealth, Mr. Yerusalim will present us with an overview of the agenda for PennDOT's anticipated program developments.

Secretary Yerusalim received his BSCE in 1962 from Drexel University and also performed graduate study there. A registered professional engineer he achieved increasing levels of responsibility since joining PennDOT in 1968 until his appointment to Secretary in 1987. As the Transportation Secretary, he is responsible for 12,500 employees located throughout PA and manages annual expenditures of more than 3.2 billion for all transportation modes.

In addition to operating the nation's fourth largest state maintained highway systems of 41,000 miles of roads and 25,000 bridges, he directs both planning, policy and technical and financial assistance for all forms of public transportation. Through PennDOT, state financial assistance in excess of \$670 million annually supports the operation and capital improvements for the 67,000-mile municipal road system, 21 urban mass transit operators, rural public transportation in all 67 counties, a 6,000-mile railroad network, and ports, waterways and airports (Harrisburg International Airport) with major facilities in Philadelphia, Pittsburgh and Erie.

Since 1987, Yerusalim has served as chairman of the Pennsylvania Turnpike commission, which oversees the operation of the state's 470-mile toll road system. The Turnpike, which is currently celebrating the 50th anniversary of the opening of the nation's first modern toll expressway, is in the midst of a multi-billion dollar expansion program, including the construction of new highway corridors in western Pennsylvania and a new Lehigh Tunnel on the northeast extension to elimi-



LOCATION MAP for Williamson's - GSB Building

(Continued on Page 2)

TECHNICAL GROUP ACTIVITIES Geotechnical and Environmental/Water Resources Groups

(Combined program for 1991-1992)
November Meeting

Date: **Wednesday, November 20 1991, 7:00 PM**
Location: Hill Seminar Room, LeBow Engineering Center, Drexel University, 31st and Market Sts.,
SUBJECT: Design of the Ground Water Recovery Systems For Petroleum Hydrocarbons
SPEAKER: Richard Harris, Regional Marketing Manager, Groundwater Technology, Inc., Chadds Ford, PA

The presentation will entail design and evaluation of hydrocarbon recovery systems for capture of total product, free and dissolved in groundwater. General design aspects will be discussed. Case histories involving recovery systems will be presented.

For further information, please contact :
Geotechnical, **Dr. J.P. Martin**, or Environmental/Water Resources, **Mr. Raymond A. Lees** (See Page 6 for addresses and phone numbers).

Engineering Management Group November Meeting

Date: **Thursday, November 14th, 1991**
SPEAKER: Norman G. Weintraub, Manager of Water Conveyance, Phila. Water Department
SUBJECT: 1991 Philadelphia Section ASCE Salary Survey
LOCATION: Strawbridge & Clothier, 6th Floor, Banquet Room
TIME: 12:00 Noon - Luncheon cost \$12.00

Mr. Weintraub is a Past President of the Philadelphia Section and currently serves as a Director. For the past several years, he has conducted the Section's salary survey. He is a member of the ASCE's National Committee on Employment Conditions. With this background, he will provide insight into the trends of the salary survey results and overall changes in benefits and working conditions in the civil engineering profession.

For reservations, please call **Al Zion** (215) 937-1930 or **Chris Rood** (215) 580-7586 by Tuesday, November 12th, 1991.

(Continued on Page 2)

PLEASE FILL OUT AND RETURN RESERVATION COUPON AS DIRECTED ON PAGE 2 - FOR THE NOVEMBER 19, 1991 MEETING.

NOTE: NO SECTION MEETING IN DECEMBER, 1991. FOR JANUARY 8, 1992 MEETING DETAILS, SEE JANUARY, 1992 ISSUE OF THE NEWS.

RESERVATION FORM FOR PHILADELPHIA SECTION ASCE NOVEMBER DINNER MEETING TUESDAY, NOVEMBER 19, 1991 – WILLIAMSON'S, GSB BUILDING, PHILA.

Please reserve _____ dinner(s) at \$25.00 each. Check enclosed \$ _____.
Students – \$12.50 You are welcome to attend after Dinner, at no charge.

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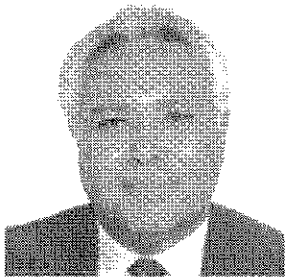
Phone _____

Please return with payment to: **ASCE**
P.O. Box 58186
Philadelphia, PA 19102-8186

Reservations must be postmarked no later than November 16, 1991.
Tickets will be issued at the door.

IMPORTANT: Dinner Reservations for ALL Section Meetings Are Essential. Please mail in Your Reservation Coupon As Directed.

THE PRESIDENT'S MESSAGE



Greetings to all our members! This October, the Philadelphia Section will be honored for the fourth time by having one more Past President from our Section, **Chuck Pennoni**, named the National President of ASCE. Congratulations, Chuck!

Your board of Directors would like to call this the "Year of New Traditions." We are embarking on new traditions or reviving old ones.

In January, we plan to invite the presidents of other engineering societies in the Delaware Valley to *Leadership Night* to acquaint them with ASCE and renew relations with other Societies. Our speaker will be **Mark Z. Hanlon**, the Delaware Valley Engineer of the Year.

In February, we are planning a *Past President's Night*. Our speaker will be **Chuck Pennoni**, our National President.

In March, we are planning a cruise on the Delaware for *Spouses' Night*.

We are going to have exciting programs, exciting speakers and exciting events. Please join us, get involved and let everyone know that you care about your Society, as much as your Society cares for you.

I look forward to seeing you. Happy Holidays!

Sincerely, Moustafa A. Gouda, President, Philadelphia Section, ASCE

November Meeting

(Continued from Page 1)

nate the last two-lane section.

Raised in Philadelphia, the secretary joined PennDOT in 1968 as an engineer for the Bureau of Design after starting his engineering career in the private sector, including five years as a bridge and highway engineer with the consulting firm of Modjeski and Masters.

SPECIAL FEATURE: SWARTHMORE COLLEGE AND WIDENER UNIVERSITY NIGHT

The ASCE Student Chapters, Alumni and Faculty of the Department of Civil Engineering of Swarthmore College and Widener University will be honored at this meeting. All students, Alumni and Faculty are cordially invited to attend.

Technical Group Activities

(Continued from Page 1)

Structural Group

Tentative 1992 Meetings/Program Schedule

The following speakers and program topics have been selected. Schedules are being finalized for dates from January 1992 through April.

Udom Hungspruke, Vice President, Thornton-Tomasetti; Vertical Expansion of historic building, including highlights on the Bellevue Stratford conversion.

Robert Griffith, STV Engineers; Structural innovation on the Westinghouse Trash to Steam Plant, Chester

Henry Clark, Ross Bryan Associates, Inc.; Rehabilitation of the former Reading Train Shed structure, and overview of the new Convention Center structure.

Bernard Schwartz & Assoc.; New sports complex in Philadelphia.

Formal program schedule and dates will be sent out by special mailing in the near future and will be announced in THE NEWS. For further inquiries, contact **David A. VanOcker**, Chairman. (215) 352-7676.

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**COPY DEADLINE FOR
JANUARY 1992 ISSUE
NOVEMBER 30, 1991**

September Luncheon Meeting "Philadelphia's Expressways"

by Bob Wright, Staff Writer

The Philadelphia Section, ASCE kicked off its 1991-92 Section meeting program with a luncheon on Wednesday, September 11 at the Downtown Club. Over 50 Section members gathered to hear a treatise on Philadelphia's expressways which combined experiences and expectations to the city's highway system.

Moustafa Reviews Section Programs

Section President **Moustafa Gouda** opened the presentation and noted the Section's "traditions" that have recently been initiated. Among these were **James W. McPhillips**, the Section's Philadelphia Civil Engineer of the Year, as speaker at the seasons first meeting; the Delaware Valley Engineer of Year as speaker at the January meeting (and the invitation of Presidents of local Chapters of engineering societies); and arrangement for the National ASCE President, our own **Chuck Pennoni** as speaker at the February meeting (with all Section Past Presidents invited). Gouda also noted the Section's scholarship program, which was begun earlier this year, and spoke of anticipated continued success with this program.

In the preliminary events, Gouda presented a plaque from National ASCE to **Barbara T. Harder**, President of B.T. Harder Inc., for her recent services as chairperson of the Strategic Highway Research Program. Ms. Harder thanked ASCE and the Section for this honor. In addition, the American Institute of Steel Construction (AISC) took this opportunity to present two awards for excellence in design for the subway entrance headhouses to the SEPTA Market-Frankford Line.

These Headhouses are located on Market Street in Center City. **Lloyd "Mac" Hughes**, Regional Engineer for AISC, made the presentation to **Charles Ang** of Ang Associates, the facility designer, and **Ramon Patel**, project architect for SEPTA.

Syrnick Presents McPhillips

Section Past President **Joseph Syrnick** introduced the speaker, another Section Past President and 1991 Philadelphia Civil Engineer of the Year, **James W. McPhillips**. Syrnick offered some background on the "McPhillips role" in the development of Philadelphia's expressways, both at McPhillips' present position as Project Director at Urban Engineers Inc. and as former Chief Engineer and Surveyor of the Philadelphia Department of Streets.

McPhillips began his presentation by explaining three situations, namely the past, present and future of the limited-access highway network in the city. Some were planned and funded but never built, like the Crosstown, Cobbs Creek, Pulaski, Northeast, and the full length of the Woodhaven. Others (the Schuylkill, Roosevelt, and Vine eastward to 16th Street) were in place by the early 1960's. Some took a little longer. For example, design for the Delaware Expressway started in 1957, but the road opened in "bits and pieces" with the final segment (the Center City ramps) placed in service in June 1991. Vine

OCTOBER JOINT MEETING

October 9, 1991

Downtown Club

CATHODIC PROTECTION

By Bob Wright, Staff Writer

A gratifying turnout of members of the Philadelphia Section, ASCE; the Delaware Valley Chapter, American Water Works Association (AWWA), in Joint Meeting; and a large contingent of the ASCE Student Chapter, Faculty and Alumni of Drexel University, inaugurated the 1991-1992 season of regular monthly meetings at the beautiful Downtown Club in Center City, Philadelphia.

Principal Speaker was **William R. Schutt**, President, MATCOR Inc., Cathodic Protection, whose subject was "*Corrosion Mechanisms and Cathodic Protection*." Section President **Moustafa Gouda** presided.

Drexel University Night

The meeting honored the ASCE Student Chapter, Faculty and Alumni of the Department of Civil and Architectural Engineering, Drexel University. **Professor James Mitchell**, Interim Head of the Department of Civil and Architectural Engineering at Drexel, credited the prospering of the school in large part to the efforts of Section Past President, **Dr. J. Richard Weggel** in establishing the program seven years ago. Two-thirds of the undergraduates in the program have received both Civil and Architectural Engineering degrees. Professor Mitchell highly praised both students and faculty of the program, & invited inquiries.

Dr. Jonathan Chen, Assistant Faculty Advisor of the Drexel ASCE Student Chapter - substituting for Faculty Advisor **Dr. Joseph P. Martin**, synthesized the curricula of the ambitious program.

President Fiori on Student Chapter Activities

Drexel ASCE Student Chapter President **Christine Fiori** thanked the Phila. Section for its courtesies, and presented her fellow officers: Vice President, **Matthew Warne**; Treasurer, **Monica Sculli**; Membership Secretary, **Linda Castle**; and Recording Secretary, **Yael Heller**. Ms. Fiori reviewed the

exciting Chapter objectives, which concentrate on recruiting all undergraduate grades of students. Unusual events planned include: A tobogganing trip to Canada; resume preparation for Industry Job Application Conferences; plans for the Concrete Canoe Races next spring, particularly to publicize the Races well in advance, in view of last year's cancellation because of lack of other schools' participation.

Christine graciously invited Philadelphia Section members to speak at the Student Chapter Meetings. **Mr. Schutt on Cathodic Protection**

President Gouda introduced **Bill Schutt**, founder and president of MATCOR, Inc. and an expert in the field of corrosion control.

Mr. Schutt explained that most civil engineers do not know about cathodic protection and corrosion control, especially since these topics are not stressed in engineering schools in the United States to the extent that they are in foreign schools. He outlined the basic causes of corrosion, which is the result of an electrolyte (such as seawater or concrete) conducting a current. In steel this action results in iron oxide (rust). The corrosion of iron-based steel is a primary concern, but corrosion can occur in just about any metal. Contrary to popular belief, even epoxy-coated rebars are susceptible to corrosion.

Schutt noted that the proper way to stop corrosion is through design. Concrete can be tested and quality ingredients can be used to fight corrosion. Different metals should be separated to the extent possible. Even under the most carefully controlled conditions, however, contamination can occur. The use of de-icing chemicals to combat snow has had a detrimental effect on reinforced concrete structures as the chemicals infiltrate flaws in the deck of the structures and the steel becomes corroded. The Federal Highway Administration has begun to insist on

(Continued on Page 5)

Street east of the 16th Street was similarly "in the works" for over thirty years. The progress of these highways was compared to the Suez and Panama Canals, massive undertakings that were each designed and completed in a mere ten years!

Historical Perspectives and Key Needs

McPhillips remarked that our greatest achievements may be those expressways that were not built, since the construction of these roads would have necessitated clearing of many city neighborhoods and would have resulted in increased traffic congestion. As a result of what was not done, Philadelphia has fewer expressways than other big cities but may offer a comparatively better living environment.

A key element emphasized by McPhillips is the need for "maintenance design." Government agencies have shown a tendency to fund capital improvements while underestimating the need for maintenance and upkeep of facilities. He cited the extensive landscaping on the Vine Street Expressway for which the city has been coerced by PennDot to maintain.

For the future, McPhillips cited four critical issues that must be addressed. Public agencies will need to team with private ventures in partnership arrangements for large-scale highway improvements, as available funding decreases while needs escalate. Innovations in technology and intermodalism are also on the horizon. These opportunities must be seized and fully utilized to maximize the benefits of our limited access highways, especially when it is understood that few, if any, new expressway facilities will be built in the future. Maintenance operations are imperative and we must learn to care for the facilities we build if we will continue to depend upon them. Lastly, and perhaps most importantly, public awareness of the infrastructure problem must be realized and emphasized to stress the vital role that our expressway system plays in regional mobility.

Gouda thanked McPhillips for an interesting and thought-provoking presentation which was well-received by all present.

The Civil Engineering Department
of
Temple University
announces
**CIVIL/SANITARY/STRUCTURAL
PROFESSIONAL ENGINEERING
and
EIT REVIEW PROGRAMS**

For either program, \$260 is the 12/14/91 or **EARLIER REGISTRATION FEE** which includes a free Reference Manual as an early registration bonus for programs starting in January. Both programs finish prior to the April 1992 EIT and PE Examinations.

Three CIVIL/SANITARY/STRUCTURAL Professional Engineering Examination workshops (addressing all 17 specified areas) are now scheduled for Saturdays 1/25/92, 2/29/92, and 3/28/92 at the Ambler Campus. The EIT Review Course is an evening course and starts Tuesday, 1/14/92 at the Main Campus.

To obtain additional information on the review course or the workshops please call (215) 787-7802 or write to Stephen G. Jochum, P.E., Department of Civil Engineering, Temple University, 084-53, Philadelphia PA 19122.

**LEHIGH UNIVERSITY
ATLSS SEMINAR SERIES**

Lehigh University Center for Advanced Technology for Large Structural Systems announces the Seminar Series for Fall, 1991, as follows:

Date: November 6th, 1991

Topic: "Advanced Fabrication and Shipbuilding Techniques"

Place: Rauch Business Center, Clayton Conference Ctr. Rm. 91

Speaker: Mr. Jake Lindgren, Vice President of Engineering, Ingalls Shipbuilding, Pascagoula, Mississippi

Date: December 6th 1991

Topic: "Civil Engineering Aspects of Operation Desert Storm"

Place: Sinclair Laboratory, Sinclair Auditorium

Speaker: Lieutenant General Henry J. Hatch, Chief of Engineers, U.S. Army Corps of Engineers, Washington, D.C.

Co-Sponsored by the Lehigh Section ASCE Seminars are Open to the Public

Time: 3:10 P.M.

Refreshments served at 2:45 P.M.

For Additional Inquires: William D. Michalerya (215) 758-5483; David A. Thomas (215) 758-5626; Fax: (215) 758-5553.

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PRESIDENT GOUDA
OR SECRETARY MIHOCKO.**

**ENGINEERING MANAGEMENT
GROUP REACTIVATED**

The Engineering Management Technical Group has been reactivated with the committee meeting on a regular basis to plan activities. The members of the committee are Al Zion, Chairman; Chris Rood, Bill Mulloy, Bob Wright and George Stanley. Those interested in participating should contact Al Zion at (215) 953-1930. Technical meetings have been scheduled for the following dates:

Date	Topic
11/14/91	Luncheon Meeting Civil Engineering Salary Survey
1/23/92	Luncheon Meeting Management of SEPTA's \$300 Million Railworks Project
3/20/92	Joint Dinner Meeting with Delaware County PSPE Engineering Ethics

MEMBERS IN THE NEWS

Tantala Receives Award

Philadelphia Section, ASCE Past President Albert M. Tantala, P.E. (1986-1987) was honored recently by the Villanova University College of Engineering. At the Fifteenth Annual Engineering Alumni Banquet, he presented the Carl T. Humphrey Memorial Award. The Award, instituted in 1990 in honor of the first Dean of the College of Engineering (1920 to 1938), recognizes the professional achievements of an alumnus who holds a Masters Degree from Villanova's College of Engineering. Emphasis is placed upon the recipient's demonstrated leadership in administration, management and planning in the engineering profession; and who promotes the name and programs of the Villanova College of Engineering.

Tantala is President of Tantala Associates, Consulting Engineers, Philadelphia. The Phila Section congratulates Al on this high honor.



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**1992 EDMUND FRIEDMAN
YOUNG ENGINEER AWARD**

To recognize professional contributions of younger members of the Society, Edmund Friedman, Past President ASCE, contributed funds to establish the Edmund Friedman Young Engineer Award for Professional Achievement. The award was officially instituted by action of the Board of Direction in October 1972.

This recognition is awarded annually to members of the American Society of Civil Engineers who are 32 years of age or less on February 1 in the year of the award, and who are judged to have attained significant professional achievement, by the degree to which the candidates have shown:

- Service to the advancement of the profession;
- Evidence of technical competence, high character and integrity;
- Leadership in the development of younger member attitudes towards the profession;
- Contributions to public service outside of their professional career;
- Other evidence of merit, which has advanced the Society's objectives.

RULES

- The award may be made each year to as many as five recipients. No recipient may receive the award more than once.
- An individual or group, may submit written nominations forms which are available from ASCE at the address below.
- A nominee not selected one year may be renominated in a subsequent year, provided he/she is eligible under the above stipulations. Meritorious nominees, not selected in a given year may be held over by CYM for consideration in the competition of the following year.
- Deceased persons are not eligible for nomination for the award, although an award can be made posthumously to a nominee whose petition had reached the award committee during his/her lifetime.
- The award shall consist of a framed certificate inscribed with the name of the recipient and his/her exceptional achievements, to be presented at a National Convention.

By February 1, 1992, seven copies of the nomination should be submitted to: ASCE Awards Department, 345 East 47th St, New York, NY 10017-2398.

A previous Philadelphia Section winner of this award is John E. Durrant, our District 4 Director, 1989-1992. Philadelphia Section members are urged to consider and submit nominees as directed herein above.



James L. Morrison, P.E.
Director of Pennsylvania Operations

(215) 345-4755
FAX (215) 345-5292

171 South Main Street, Doylestown, PA 18901

October Joint Meeting

(Continued from Page 3)

the cathodic protection of bridge decks.

How Does Corrosion Occur?

Schutt showed several slides illustrating corrosion in concrete. Normally, concrete has a pH of 13 and no chlorides are present, thus no corrosion should occur. However, the use of road salts lowers the pH as the salt infiltrates the structure deck. The salt reaches the reinforcing steel and starts the corrosion process, with resulting stresses and cracks. An electrolysis cycle is created, current flows away from the rust, back to the source, and more corrosion is caused. The combination of chloride content above 2 lb/cy, pH below 11.5 and presence of moisture will cause contamination. Visible indications of corrosion include rust stains, spalling, popped patches, and high chloride content. Many diagnostic tests are available to detect and measure corrosion.

What is Cathodic Protection?

Cathodic protection reverses the process by adding a sacrificial anode (replacing the "rusty spot") and arresting the corrosion. A hydrogen coating displaces the chloride ions, maintaining a high pH, thus no corrosion. Anodes last for 20 to 50 years. A conductive asphalt layer can be added to bridge decks. Other systems include mastic coatings (most popular) and wire in slots to transfer current to an anode.

Corrosion increases as temperature rises above 70°F, thus it is a particular problem in tropical areas. Highway bridges are among the most susceptible due to their operating environment. Parking garages are also subject to the effects of de-icing chemicals, which are brought into the structure by autos and often do not drain from the decks properly. Balconies are a particular problem in areas close to the ocean in Europe.

Nearly all materials, with the exception of prestressed concrete, can be protected from corrosion. With present technology, the high nickel steel strands in prestressed concrete will become brittle, and the strands will snap when hydrogen is introduced. Methods to protect prestressed concrete are currently under investigation.

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James S. Graham, P.E.
Staff Engineer



Cooperating with the American Wood Preservers Institute

STEEL BUILDING SEMINAR

"Structural Welding Design for Buildings," a seminar conducted by the Steel Structures Technology Center, will be conducted in Philadelphia on November 14, 1991. The one-day professional program will include the design of shear, moment, splice and other structural connections, AISC and AWS specification requirements, structural welding processes, welding terminology and the use of symbols, joint and weld selection, lamellar tearing, heavy sections, weldability of existing steels, weld quality and inspection practices.

The seminar is geared to structural engineers involved in the design and construction of steel structures, but is also of vital interest to steel fabricators, detailers and others in the construction industry.

The seminar will be held at the: Quality Inn - Historic Downtown Suites, 1010 Race Street, Philadelphia, PA.

The seminar will begin at 1:00 pm and finish at 7:45 pm. The fee for the six-hour seminar is \$140.00 per person, with early registration and group discounts available. The seminar is also available in-house from the SSTC.

For further information or to receive a flyer on this seminar, contact the Steel Structures Technology Center, 40612 Village Oaks Drive, Novi, Michigan 48375, phone (313) 344-2910, fax (313) 344-2911.

Interesting Question/Answer Exchange

Varied comments and questions were offered from the audience and answered forthrightly by Mr. Schutt. The discussion capped a splendid talk by our very informed speaker on an extremely important subject.



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1992 DANIEL W. MEAD CONTEST FOR YOUNGER MEMBERS

The Daniel W. Mead Prize for Younger Members was established in 1939 to honor the memory and accomplishments of the 67th President of the American Society of Civil Engineers. The talents of many of the leaders of the profession were first recognized in previous contests for this significant professional honor. The current contest provides another opportunity for alert young civil engineers to further their professional development and gain national attention.

Papers must be written on: "Is It Ethical To Profit From Engineering Work Arising From Natural Or Manmade Disaster?"

RULES

- Authors must be Associate Members or Members of the Society 32 years of age or less on February 1, 1992.
- Only one person can write each paper.
- Each Section or Branch can submit only one paper.
- Paper must contain no more than 2,000 words.
- One winner may be selected from each of the four Zones.
- The national winner, selected from the Zonal winners, will receive a wall plaque and a certificate.
- The national winner may be invited to present his/her paper in the ASCE National Convention, New York, October, 1992.
- The paper by the national winner will be submitted for publication in *Civil Engineering*.
- By February 1, 1992, seven copies of each paper must be submitted through the Section or Branch Secretary to: ASCE Awards Department, 345 East 47th Street, New York, NY 10017-2398.

Philadelphia Section Younger Members are urged to get to work on the Mead Competition. We are proud of our past winners and want to continue to be in the forefront.

Past Mead Competition winners from the Philadelphia Section are:

- 1974 - John Spilko, National Award
- 1977 - Joseph R. Syrnick, Zone I Award
- 1978 - David S. Shaw, Zone I Award
- 1979 - Haym Bernaroya, Zone I Award
- 1983 - Greg Neiderer, Zone III Award

NOTICE TO PAST PRESIDENTS

Phila. Section President Moustafa A. Gouda announces a "Past Presidents Celebration" at the February 19, 1992 Section Meeting at Harbor League Club, Camden, NJ. He requests that all Past Presidents of the Phila. Section, ASCE mail him their current addresses as soon as possible, in order to expedite planning. Send your address to: Moustafa A. Gouda, c/o Lippincott Engineering Assoc., 1 Pavilion Avenue, Riverside, NJ 08075; phone: (609) 461-1100.

ASCE DUES BILL AND TECHNICAL GROUP DETAILS

Section members will notice in the 1992 dues bill from National ASCE Headquarters, that the PHILADELPHIA SECTION DUES is itemized as \$18.00. This amount includes assessment for membership in all Phila. Section Technical Group of your choice.

Also, because National's bill did not list the Technical groups, *you are requested to get in touch with the Chairmen of the Technical Groups of your preference*, so that their membership lists can be classified.

The appropriate individuals to contact are the following:

Liaison

Robert M. Wright

Phila. Dept. of Streets
920 Municipal Services Bldg.
Phila., PA 19102
(215) 686-5538

Younger Member Forum

Richard P. Markwith, President

Fredric R. Harris, Inc.
260 S. Broad St., Suite 720
Phila., PA 19102
(215) 735-0832

Construction

Fredric L. Plotnick, Chairman

Empromac
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Elkins Park, PA 19117-0264
(215) 843-7313

Structural

David A. VanOcker, Chairman

Christakis & Kachele, Inc.
6910 Ludlow Street
Upper Darby, PA 19082
(215) 352-7676

Transportation & Urban Development

William T. Thomsen, Chairman

Urban Engineers, Inc.
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Philadelphia, PA 19106
(215) 922-8080

Engineering Management

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IMPORTANT! 1991-1992 MEETING NOTICES

MARK YOUR CALENDAR for the dates of the remaining Philadelphia Section ASCE monthly meetings and social functions, as follows: (Check each issue of coming editions of THE NEWS for details, possible date and topic changes.)

ALL DINNER MEETINGS

Cocktails - 5:30 pm Dinner - 6:30 pm Meeting - 7:30 pm

STUDENTS: All dinner and/or luncheon charges one-half price. If you prefer, you are welcome to attend all meetings after dinner or luncheon, at no charge.

December, 1991 - No Meeting

Wednesday, January 8, 1992 - Dinner Meeting, HOLIDAY INN, King of Prussia

Joint Meeting with ASHE and Reading Branch, Phila. Section, ASCE; Leadership Night

Subject: To be announced

Speaker: **Mark Hanlon**, 1991 Delaware Valley Engineer of the Year

Spring Garden College and Villanova University Night

Wednesday, February 19, 1992 - Dinner Meeting, HARBOR LEAGUE CLUB, Camden, NJ

Joint Meeting with South Jersey Branch, ASCE; Past Presidents' Night

Subject: To be announced

Speaker: **C.R. Pennoni**, National President, ASCE

Temple University Night

* **March, 1992** - Spouse Night, details to be announced

Wednesday, April 8, 1992 - Dinner Meeting, OFFICERS' CLUB, Phila. Naval Base

Joint Meeting with Society of American Military Engineers (SAME)

Subject: The Meridian Plaza Fire

Panel of speakers

Saturday Evening, May 16, 1992 - Annual Spring Dinner Dance

(Catalina Restaurant, 20th & Hamilton Streets, Philadelphia)

* **July, 1992** - PICNIC - Phila./South Jersey Sections Tournament between engineering firms.

*Date to be announced.

PLEASE PAY YOUR SECTION DUES!!!

The Phila. Section, ASCE Board of Directors was forced to increase the 1991-1992 year dues to \$18.00 (from \$13.00) because of sizable operating cost expense additions. The dues increase does not even cover these additional costs entirely. Therefore, future issues of the Phila. Section newsletter, THE NEWS, will be mailed only to those members who have been current in their dues payments or who have paid up any arrearages in 1990-1991 Section dues.

This issue (November/December, 1991) of THE NEWS is being mailed as a courtesy to *all* Section members. So, please cooperate by remitting your Section dues (\$13.00 for 1990-1991 *immediately* if in arrears), and \$18.00 for 1991-1992 when you receive the bill from New York National ASCE Headquarters; and become an active member in order to enjoy all the services and functions of the Philadelphia Section, ASCE.



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