

# the news



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

Vol. 63-4

Our 77th Year

February 1991

## FEBRUARY JOINT DINNER MEETING

Philadelphia Section, American Society of Civil Engineers  
Delaware Valley Chapter, American Public Works Association (APWA)

### TUESDAY, FEBRUARY 12, 1991

Location: WILLIAMSON'S, GSB Building, City Line Avenue, Phila.  
(See Location Map below.)

Cocktails - 5:30 p.m. Dinner - 6:30 p.m. Meeting - 7:30 p.m.

**SUBJECT: INFRASTRUCTURE - THE CRUMBLING OF AMERICA**

**SPEAKER: ALBERT M. TANTALA, P.E.**, President, Tantala Associates, Inc., Consulting Engineers, Philadelphia; Past President, Phila. Section, ASCE.



Deteriorating road surfaces, bridges in fear of collapse, overburdened public transport, breaks in water mains, backed up sewer lines - virtually every public works function has its own "horror story." Because of lack of funds, and manpower, Civil Engineers in Federal, State and Local governments are often powerless to do more than "paste and patch." The Nation is spending far less on its capital plant today than it did 20 years ago.

**Albert M. Tantala, P.E.**, an experienced authority and lecturer on the Nation's infrastructure problem, is a Registered Professional Engineer in Pennsylvania, New Jersey, Delaware and Virginia; and a Certified Affiliate of the National Council of Engineering Examiners. He earned a B.A. and B.S. in Civil Engineering at the U. of PA in 1960, and obtained an M.S. in Civil Engineering at Villanova University in 1965.

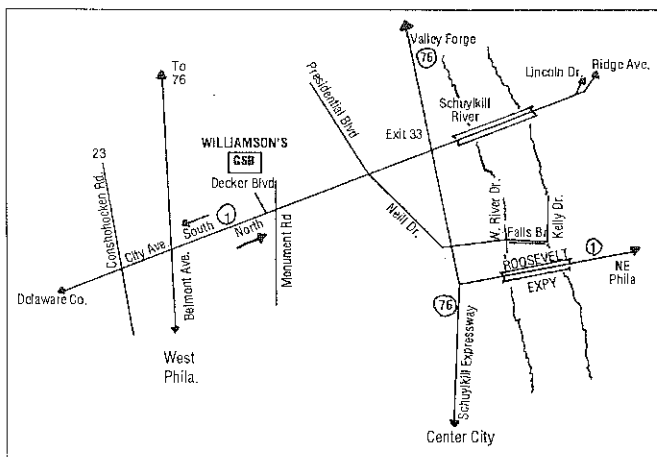
After employment with various Consulting Engineering firms, and in teaching positions at colleges and the U.S. Armed Forces Institute, he assumed the presidency of his present firm in July, 1966. Al Tantala holds Directorships in Holy Family College, the Foundation for Independent Colleges of Pennsylvania and several financial institutions.

In addition to ASCE, Mr. Tantala is a member of PSPE, a Director of the Delaware Valley Sign Association, and an Arbitrator with the American Arbitration Association. He is very active in numerous Civic

(Continued on Page 2)

### LOCATION MAP for Williamson's GSB Building City Line Ave., Phila.

THE NEWS is indebted to staff Writer and Section Secretary Bob Wright, Project Engineer, Major Highways Section, Phila. Dept. of Streets, for his excellent preparation of this and other Location Maps which have appeared with Section Meeting announcements.



### TECHNICAL GROUP ACTIVITIES Geotechnical and Environmental/Water Resources Group (Combined program for 1990-1991) February Meeting

Date: Tuesday, February 19, 1991, 7:00 pm

Location: Hill Seminar Room, LeBow Engineering Center, Market and 31st Street, Drexel University, Philadelphia, PA

**SPEAKERS: Bill Huber, Ph.D. and Richard Sands**, Integrated Data Technologies, Inc.

**SUBJECT: Selecting a Statistical Methodology for Groundwater Monitoring at RCRA Facilities**

**Bill Huber, Ph.D.**, and **Richard Sands** of Integrated Data Technologies, Inc. will discuss the changes in EPA requirements for groundwater monitoring statistics. Owners and operators of RCRA facilities are beginning to deal with changes in EPA regulations promulgated two years ago. The new regulations address how to decide when a groundwater monitoring system has detected contamination.

EPA requires these facilities to maintain a groundwater monitoring network. After each round of sampling, a yes/no decision must be made: is this facility contaminating the groundwater or not? A "yes" will have profound effects on the scale, and therefore the expense, of monitoring and/or corrective-action operations at the facility.

The key to understanding these new regulations is to understand the standards and goals that are set by the EPA. Each regulated facility conforms by establishing its own procedures or process that meets the standards.

This flexibility is two-edged. RCRA facilities now have the opportunity to establish less-onerous, less-expensive, yet effective detection monitoring systems. The price is that they must know how to do this well, because the regulations no longer spell out the process to follow. Facilities now need much more specialized expertise in environmental statistics. The potential gains, both tangible and intangible, of a good approach are large.

Any questions concerning the session may be addressed to Mr. **Raymond Lees** at (215) 542-9100 or Dr. **Joseph Martin** at (215) 885-2363.

(Continued on Page 5)

**RESERVATION FORM FOR PHILADELPHIA SECTION ASCE MARCH DINNER MEETING  
TUESDAY, MARCH 12, 1991 – HARBOR LEAGUE CLUB, CAMDEN, NJ**

Please reserve \_\_\_\_\_ dinner(s) at \$25.00 each. Check enclosed \$\_\_\_\_\_.

Students – \$12.50 (Group Reservations by Faculty Advisors). You are welcome to attend all Section Meetings after Dinner, at no charge.

Name \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_

Please return with payment to:  
**ASCE, P.O. Box 58186  
 Philadelphia, PA 19102-8186**  
 Reservations must be postmarked  
 no later than **March 4, 1991.**  
 Tickets will be issued at the door.

I prefer future Section Meetings to be held at:  
 Name of Restaurant/Club \_\_\_\_\_  
 County Location & Address \_\_\_\_\_

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

**MARCH JOINT DINNER MEETING**

Philadelphia Section, American Society of Civil Engineers  
 South Jersey Branch, New Jersey Section, American Society of Civil Engineers

**TUESDAY, MARCH 12, 1991**

Location: HARBOR LEAGUE CLUB, 800 Hudson Square, Camden, NJ  
 (Location Map will appear in the March, 1991 issue of THE NEWS)

**SUBJECT: PORT OF PHILADELPHIA: PROBLEMS AND PROSPECTS FOR THE  
 TWENTY-FIRST CENTURY**

**SPEAKERS: John P. LaRue**, Executive Director, Philadelphia Regional Port Authority; **Susan A. Howland**, Manager of Public Affairs, Port of Philadelphia Maritime Exchange; and **Lt. Col. Kenneth H. Clow**, Commander and District Engineer, U.S. Army Corps of Engineers, Philadelphia District.

**SPECIAL FEATURES: Widener University and Villanova University Night**

**PLEASE FILL OUT AND RETURN RESERVATION COUPON  
 AS DIRECTED ABOVE – FOR THE MARCH 12, 1991 MEETING**

**February Meeting**

*(Continued from Page 1)*

and Community organizations, including Boy Scouts of America. His Awards and Honors include: PSPE Young Engineer of the Year, 1974; U.S. Army Commendation Medal; Phila. Section ASCE Engineer of the Year, 1989; and many others. He has served on active duty, U.S. Army and is presently a Lt. Colonel, U.S. Army Reserves, Retired (1989).

**SPECIAL FEATURES: Awards of Life Membership Certificates and Swarthmore College Night**  
 The ASCE Student Chapter, ASCE, Faculty and Alumni of the Civil Engineering Department of Swarthmore College will be honored at this meeting. All students, alumni and faculty are cordially invited to attend.

**SECTION ANNOUNCES SCHOLARSHIP FUND**

The Philadelphia Section is pleased to announce the initiation of a Section Scholarship Fund. Two scholarships, each worth \$2,000, will be awarded each year to aspiring civil engineers attending one of the six colleges within the Section's jurisdiction (Drexel, Pennsylvania, Swarthmore, Temple, Villanova and Widener).

A candidate must be an active member of the ASCE Student Chapter at his/her particular college. He/she must be a matriculant in a full-time civil engineering program and must have completed at least two full years of the program to be considered. (Candidates may submit applications during their second year.)

Details are available from the Faculty Advisor of the ASCE Student Chapter at each involved college. Applications must be returned to the Faculty Advisor by **March 15, 1991.**

The two scholarship recipients will be cited at the Section's Annual Spring Social/Dinner Dance and Awards Night (**Saturday, June 1, 1991**) and will receive two complimentary tickets to the Social.

The Board of Directors commends the hard work and diligent efforts of the Section's Scholarship Committee in the initiation and realization of the Section Scholarship. The Committee, chaired by President-Elect **Moustafa Gouda**, with the assistance of Past President **Rich Weggel**, Director **Bill Richards**, Secretary **Bob Wright**, and ex officio member President **Frank Depman**, is duly recognized and appreciated by the Philadelphia Section.

**PHILA. SECTION, ASCE  
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**COPY DEADLINE  
 FOR  
 MARCH 1991  
 ISSUE  
 FEBRUARY 12, 1991**

## PHILADELPHIA SECTION ASCE ANNUAL CIVIL ENGINEERING AWARDS

1991

The Philadelphia Section takes pleasure in announcing the Annual Civil Engineering Awards. These awards are to recognize local members, for their contributions to the Civil Engineering field. If you wish to nominate someone, please read the rules and criteria and then fill out the nomination form.

### ALL AWARDS WILL BE PRESENTED AT THE JUNE 1, 1991 ANNUAL DINNER DANCE at the Holiday Inn, City Line Avenue, Philadelphia, PA

#### R U L E S

Nominations must be received prior to 3 p.m., **March 1, 1991.**  
(If time extension or information are necessary, contact  
**Bob Wright (215) 686-5538.**)

Individuals may be nominated for awards by a member in any grade of membership.

Individuals may be awarded only one award in a single year.

Individuals may be nominated for more than one award.

Award recipients must be approved by the Board of Directors.

All awards are presented only in years, where in the judgment of the Selection Committee, or the Board, there is at least one suitable candidate.

The Selection Committee will be required to nominate an alternate for Board consideration for each award.

Each Selection Committee will also recommend to the Board of Directors whether the recipient should be nominated for applicable national or regional awards by the Section.

#### A W A R D S

##### Philadelphia Civil Engineer of the Year

The section's highest award is presented to an individual who is judged to have contributed substantially to the civil engineering profession.

###### CRITERIA:

- Membership Grade – Member, Fellow, Life or Honorary
- Member in good standing of the Philadelphia Section

###### RECIPIENT ALSO CONSIDERED FOR:

1. Delaware Valley Engineer of the Year
2. Edmund Friedman Professional Recognition Award

##### Philadelphia Young Civil Engineer of the Year

This award is presented to a young civil engineer who is judged to have contributed to the civil engineering profession.

###### CRITERIA:

- Membership Grade – Associate or Student
- Member in good standing of the Philadelphia Section or member of a student chapter assigned to the Philadelphia Section.
- Must be 32 years of age or younger on Feb. 1 of the award year

###### RECIPIENT ALSO CONSIDERED FOR:

1. Edmund Friedman Professional Recognition Award

##### Philadelphia Government Engineer of the Year

This award is presented to an individual who is employed by the Federal Government, a State Government, a Municipal Government or a public authority that has contributed substantially to the civil engineering profession.

###### CRITERIA:

- Membership Grade – Member, Life, Honorary or eligible for membership
- Assigned to the Philadelphia Section or employed or residing within the Philadelphia Section boundaries.

###### RECIPIENT ALSO CONSIDERED FOR:

1. Zone I Government Engineer of the Year
2. Civil Government Award

##### Philadelphia Young Government Engineer of the Year

This award is presented to a younger member who is employed by the Federal, a State or a Municipal Government or a public authority that has contributed to the civil engineering profession.

###### CRITERIA:

- Membership Grade – Associate member or eligible for membership.
- Member in good standing of the Philadelphia Section or employed within the Philadelphia Section boundaries.

###### RECIPIENT ALSO CONSIDERED FOR:

1. Zone I Young Government Engineer of the Year

##### Government Service Award

Presented to an elected or appointed governmental official who has contributed substantially to the status of the civil engineering profession by their public service.

###### CRITERIA:

- Holds office in a jurisdiction which represents a geographical including an area which corresponds to the boundaries of the Philadelphia Section. This would include the President, a U.S. Senator from Pennsylvania, Congressman, Mayor, Commissioner, etc.

###### RECIPIENT ALSO CONSIDERED FOR:

- Civil Government Award

##### Individual Technical Awards

The following awards have the same criteria. Each award is presented to an individual who is judged to have contributed substantially to civil engineering and in the area of the particular award.

- Civil Engineering Manager of the Year
- Geotechnical Engineer of the Year
- Structural Engineer of the Year
- Construction Engineer of the Year
- Transportation Engineer of the Year
- Water Resources Engineer of the Year

(over)

CRITERIA:

- Membership in any grade
- Member of the Philadelphia Section

RECIPIENT ALSO CONSIDERED FOR:

- Technical Groups will be responsible for nominating winners for appropriate national award.

**Educator of the Year**

This award is presented to an outstanding educator in the field of civil engineering, who has contributed substantially to the field.

CRITERIA:

- Membership Grade — Higher than student
- Member of the Philadelphia Section
- Must be a staff member of a college or university with an ASCE student club chapter

**Philadelphia History and Heritage Award**

Presented to an individual whose efforts have made contributions to better the knowledge of, or appreciation for, the history and heritage of civil engineering.

CRITERIA:

- Must reside within the geographical boundaries of the Philadelphia Section or be a member of the Philadelphia Section.

RECIPIENT ALSO CONSIDERED FOR:

- Civil Engineering History and Heritage Award

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— NOMINATION FORM —

IF YOU DESIRE TO MAKE NOMINATIONS FOR MORE THAN ONE PERSON, PLEASE PHOTOCOPY THIS FORM.

Name of Candidate \_\_\_\_\_  
 Address \_\_\_\_\_ Phone \_\_\_\_\_  
 Job Title \_\_\_\_\_  
 Work Location \_\_\_\_\_

Membership  
 ASCE  Yes  No  
 Phila. Section  Yes  No  
 Age (if applicable) \_\_\_\_\_

Registration Information  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Award(s) Nominated to— Check One (or more if applicable)

- Philadelphia Civil Engineer of the Year
- Philadelphia Young Civil Engineer of the Year
- Philadelphia Government Engineer of the Year
- Philadelphia Young Government Engineer of the Year
- Government Service Award
- Educator of the Year
- Philadelphia History and Heritage Award

Individual Technical Awards

- Civil Engineering Manager of the Year
- Geotechnical Engineer of the Year
- Structural Engineer of the Year
- Construction Engineer of the Year
- Transportation Engineer of the Year
- Water Resources Engineer of the Year

Academic Degrees —  
 \_\_\_\_\_  
 \_\_\_\_\_

Other Professional Societies —  
 \_\_\_\_\_  
 \_\_\_\_\_

Civic or Charitable Activities —  
 \_\_\_\_\_  
 \_\_\_\_\_

Continuing Education —  
 \_\_\_\_\_  
 \_\_\_\_\_

Other Awards or Honors \_\_\_\_\_  
 \_\_\_\_\_

Nominated by: Name \_\_\_\_\_  
 Member I.D. (see Newsletter label) \_\_\_\_\_  
 Address \_\_\_\_\_  
 Telephone Number \_\_\_\_\_

Achievements — (In 200 words or less, that supports the candidate's nomination, please use separate sheet.)

## JANUARY DINNER MEETING

January 9, 1991

Holiday Inn, King of Prussia

### ENGINEERING IN THE 90s

By Bill Richards, Staff Writer

An overflow crowd put aside the concerns of ice and sleet that had blanketed the Delaware Valley earlier in the day, to enjoy a fine dinner meeting at the King of Prussia Holiday Inn. The January Joint Meeting of the Philadelphia Section and Reading Branch of ASCE and the Delaware Valley Section of the American Society of Highway Engineers (ASHE), was a splendid affair, highlighted by a feature presentation by the 1990 Delaware Valley Engineer of the Year, **E. Ross Forman, P.E.**

This year's joint meeting was presided over by the President of ASHE, **Richard Prentice**. ASCE President **Frank Depman** then described the purpose and advantages of membership in ASCE, as **Steve Lester** later did for ASHE. Since many civil engineers can benefit from both organizations, joint membership was encouraged.

January 10th was the opening of the Vine Street Expressway and the ribbon-cutting ceremony was announced to the membership. An official of the PennJerDel Council also described the US 202 Highway Corridor Project and the need for improved transportation systems. He asked all interested parties to attend planning and comment sessions and give testimony in support of the project.

#### Mr. Forman on Engineering Future

**E. Ross Forman** then stimulated the audience with his featured presentation, speaking on **Engineering in the 90s - Challenges and Opportunities**. Ross is a Registered Engineer in four states, holding a B.S. in Mechanical Engineering and an MBA from Drexel University. He has been with Day and Zimmerman since 1978 and assumed his present role as Director of Automation Technology in 1988. He is also an officer in the Instrument Society of America, serves on the Board of Alpha Phi Omega, the National Service Fraternity, the Industrial Advisory Committee of Spring Garden College, was an Adjunct Associate Professor at Drexel, and was involved in youth activities with the Boy Scouts of America.

Mr. Ross predicted that the upcoming decade will challenge engineers more than any previous decade in history. He cited the solutions required for problems of solid waste, energy consumption, highway transportation, infrastructure neglect and a longer living population within essentially the same living space. He reminded us of our Section's motto, "A People Serving Profession -- A People Serving Section." To address these problems, Ross referred to terminology from his own area of expertise, "feedback" and "feedforward." Feedback is essentially reactive, waiting for an error condition, measuring it and then taking action. Feedforward requires predicting change and planning action proactively in anticipation of it. Ross challenged us to think and act in feedforward, proactively.

New computer-based applications, such as 3D technology and artificial intelligence, will provide tools to help us act in feedforward. Ross challenged us to be willing to learn, reminding us that engi-

neering is not only a learned profession, but also a learning profession. He views tomorrow as the knowledge age, and predicted the development of cures for AIDS and Alzheimer's Disease, as well as solutions to the solid waste problem, our getting transportation back on track and using technology to improve the country's productivity.

Mr. Forman's comments and exciting concepts were particularly appropriate as we begin a new year, and the audience was captivated by his address. President Prentice of ASHE congratulated Ross on his presentation for both organizations and encouraged all of us to take Ross' challenges to heart.

The Civil Engineering Department  
of  
Temple University  
announces a

#### PROFESSIONAL ENGINEERING EXAMINATION WORKSHOP for Saturday, March 23, 1991

8:30 am to 1:30 pm

Seminar Room 306, Center City Campus  
1616 Walnut St., Philadelphia

Included are:

- Interactive, criteria-specific, problem-solving and brief presentations by three or more experts on well selected topics from the broad scope of CIVIL/SANITARY/STRUCTURAL ENGINEERING.
- A short duration, timed testing exercise with same-session feedback, discussion of evaluation criteria and self-scoring.
- PE WORKSHOP NOTES, review of PE EXAM REQUIREMENTS, and a display of well selected reference material.

Basic Fee: \$100 per person. Reduced Fee: \$85 for second person from same firm, member of ASCE, Temple student or alumnus.

To register (3/12/91 or earlier), mail to the CE Department, Temple University, a check payable to Temple University. For additional information, call (215) 787-7802, or write to Professor **Stephen G. Jochum, P.E.**, CE Department, Temple University, Mail Stop 084-053, Philadelphia, PA 19122.

#### VINCENT L. HUGHES

THE NEWS regrets to report the recent sudden death of **Vincent L. Hughes**, long a dedicated member of the ASCE and the Philadelphia Section.

Vince was employed by the City of Philadelphia for 42 years as an engineer and Deputy Commissioner of Recreation. He was a 1st Lieutenant in the U.S. Army and served in World War II and the Korean War.

Mr. Hughes is survived by his beloved wife, **Rosalie**, who is a Charter Member of the Section's Women's Auxiliary. The Philadelphia Section extends its heartfelt sympathy to Mrs. Hughes.

## HANLON SELECTED ENGINEER OF THE YEAR

**Mark Z. Hanlon** has been named the Delaware Valley Engineer of the Year 1991 by the Engineers Week Committee which is comprised of representatives of all of the technical societies in Delaware Valley region.

Hanlon, President of BCM Engineers, is a graduate of the U.S. Naval Academy and holds a Civil Engineering Degree from Rensselaer Polytechnic Institute. As Engineer of the Year Hanlon will preside over Engineers Week activities February 15th through the 23rd.

Following graduation from the Naval Academy, Hanlon spent twenty years in the U.S. Navy. This included tours with the Seabees and public works departments at naval facilities in Alaska, New York, South Carolina, Washington, D.C., and San Juan, Puerto Rico.

He joined BCM Engineers in 1974 as a Project Manager in the Engineering Planning Department. In 1977 he became an assistant Vice President in the Engineering Department. His activities and projects include a \$166 million construction program and the management of multi-million dollar water and wastewater treatment plants, air pollution control facilities, landfills, dams, buildings, pumping stations and sewage collection systems.

Hanlon is a director of the Philadelphia Post of the Society of American Military Engineers, a past director of the Valley Forge Chapter of the Pennsylvania Society of Professional Engineers and a member of the American Public Works Association. He is also a member of the Philadelphia Area Council for Excellence (PACE) of the Greater Philadelphia Chamber of Commerce.

(Brochures containing full details of Engineers' Week activities will be available at the Phila. Section, ASCE-APWA Joint Dinner Meeting February 12, 1991. See Page One for Meeting Notice.)

## Technical Group Activities

(Continued from Page 1)

### Transportation & Urban Development Group February Meeting

Date: Thursday, February 28, 1991

Time: 5:30 Cocktails; 6:30 Dinner; 7:30 Meeting  
Location: Downtown Club, Public Ledger Bldg.,  
6th & Chestnut Sts., Philadelphia

SPEAKER: **Steven Friedlander**, Vice President,  
TAD Associates

SUBJECT: Update of Washington Metro Area  
Transportation Authority (WMATA) Expansion  
Program

Mr. Friedlander is directing the Project Management Oversight consultant efforts of the Joint Venture of Day & Zimmerman/Stone & Webster project. The WMATA System is one of the most innovative new transit systems in the world and has proven to be highly successful. Mr. Friedlander's discussion should prove to be quite interesting.

For reservations, please contact **William Thomsen, P.E.**, Chairman, T&UD Group at (215) 922-8080.

## JOSEPH A. SCHULCZ



By Sid Robin, Editor, with the able assistance of Section Past President Bill Padlasky

As announced in the January, 1991 issue, THE NEWS sadly reports the death, on November 15, 1990, of Joseph A. Schulcz, distinguished Past President of the Philadelphia Section (1952-1953).

For many decades, Joe Schulcz was a dedicated and inspiring participant in the technical and civic affairs, and professional activities of National ASCE in general, and the Philadelphia Section in particular. His loss is singularly sensitive to your Editor, manifested by over 50 years of close friendship with Joe and his family in personal as well as professional association. During your Editor's senior year in Engineering School, through the good offices of a mutually friendly professor, he joined Joe as a staff member of THE NEWS and assumed the Editorship a few years later. Joe was also your Editor's mentor and guide in establishing his early private engineering practice.

Joe Schulcz was born in Lipova, Austria-Hungary in 1908 and migrated as a very young child to the United States with his family, which settled in Philadelphia. He received his elementary and high school education there, and attained a B.S. in Civil Engineering at Drexel University in 1930. He is a Registered Professional Engineer in Pennsylvania, New Jersey and Massachusetts. From his 1930 graduation to 1946 he was employed in various engineering firms and commercial and industrial companies. After establishing his own Consulting Engineering practice in 1946—and continuing to 1952—he joined with Bill Padlasky to form the partnership of Schulcz and Padlasky, Consulting Structural Engineers. (As noted above, Bill Padlasky is a Past President of the Phila. Section, 1961-1962). The association functioned until 1985, when Mr. Schulcz' failing health necessitated dissolution of the firm.

As a highly regarded Structural Consultant, Joe Schulcz worked on the design of numerous varied projects, including banks, schools, churches, dormitories, industrial plants, hospitals, sports facilities, office buildings, parking garages. Many projects were completed under contracts with the U.S. Army, Navy and Air Force.

Mr. Schulcz was renowned not only for his exceptional engineering design skills, but he was also commissioned on many jobs — by major clients such as public agencies, private commercial and industrial companies and organizations — to assist in plant production layout and control, management and ef-

## WANTED: YOUR MEETING LOCATION PREFERENCES

Please notice the addition — in the dinner reservation coupon at the top of page 2 — of a request for your preference of location for future Phila. Section meetings (beginning in the 1991-1992 year). The Program Committee and Board of Directors of the Section will evaluate these preferences in planning for next year's regular monthly meeting schedule. Please send in coupon to provide this information, whether or not you are reserving for dinner for the March meeting.

## PAY YOUR DUES — RECEIVE "THE NEWS"

Because of the escalation of costs and the exigencies of inflation, the Philadelphia Section, ASCE is obliged to initiate strict budgetary restrictions in order to remedy its financial squeeze. Among these restrictions — beginning in the Fall of 1991 (the 1991-1992 season) — will be limitation of mailing its monthly newsletter "THE NEWS" only to those Phila. Section Members, assigned by National ASCE, who have paid their current Phila. Section local dues (1990-1991) by September 15, 1991. The dues amount is \$13.00 which includes membership in one Phila. Section Technical Group of your choice. For each additional Technical Group membership the charge is \$1.00 extra.

By cooperating in this important function, you will be serving the Philadelphia Section, ASCE, as well as yourself, by keeping in touch with local ASCE affairs and technical proceedings, even if you are not able to attend every monthly meeting. The monthly newsletter attempts to cover the highlights of all the Section activities, reviews of meeting subjects, as well as the Technical Group meetings and committees and Board of Directors agenda and proposals.

If you have not yet paid your National ASCE dues bill (which lists the additional \$13.00 for Phila. Section dues) please include the latter amount in your check to National.

If you have already paid the National ASCE dues bill and omitted the Phila. Sections dues of \$13.00 (plus \$1.00 for each Technical Group of your choice more than one) please send your check as soon as possible to: **Phila. Section, ASCE, P.O. Box 58186, Phila., PA 19102-8186.** Make check payable to **Phila. Section, ASCE.** Thank you for your cooperation.

iciency in programming, administration and operation.

In addition to his ASCE affiliation, Joe was a member of the Consulting Engineers' Council (CEC), National Society of Professional Engineers (NSPE), Society of American Military Engineers (SAME), American Welding Society (AWS), and the Honorary Civil Engineering fraternity Tau Beta Pi Association. He also served as Adjunct Professor of Civil Engineering at Drexel University, teaching Reinforced Concrete Design to Graduate Students

## THE LEGISLATIVE PROCESS — WHAT IS ASCE'S ROLE?

As we moved into November, our attention is drawn once again to the process of electing or re-electing various public officials and members of the Pennsylvania General Assembly. This November also marks the end of a two-year legislative cycle which began in January 1989.

During each legislative cycle, some 2,500 bills might be introduced in the House & a similar number introduced in the Senate. The mechanism by which these bills are reviewed and considered for possible passage into law is quite complex and lengthy. In the end, perhaps 200 to 300 of these bills will get signed into law. Along the way, a great deal of time and effort will be expended by legislators, standing committees, legislative staff, executive branch agencies, lobbyists, public interest groups, professional organizations and members of the general public, in following the progress of such proposals.

To address the question of ASCE's role in the process, it is helpful to consider that Civil Engineering is primarily a people-serving profession. We are involved not only in infrastructure planning, design and construction, but in public policy development as well. In a real sense we are society engineers.

The legislative process can be thought of as a kind of "social engineering." Legislators and Civil Engineers, therefore, potentially share some common interests in developing solutions to society's problems and concerns. Because of this, it is appropriate for CE's to monitor, review and comment upon proposed legislation which might impact the profession or which might affect the public welfare. ASCE has traditionally emphasized the need for its members to provide an informed viewpoint and commentary on proposed legislation (not as "lobbyists," but as technical experts.)

As Legislative Coordinator of the District IV Legislative Affairs Committee, I look forward to keeping the membership aware of pending legislation which is of interest to the profession. As with any committee, the work involved becomes much easier if we have enough volunteers to help out.

*The above article was written by Peter Slack, Legislative Coordinator, District IV Legislative Affairs Committee. For further information, please call William T. Thomasen, P.E., Chairman of the Philadelphia Section, ASCE Legislative Affairs Committee, at (215) 922-8080.*

W.T.T.

for several years from 1952.

Mr. Schulcz is survived by his beloved wife, Patricia ("Pat"), a Charter Member and Past President of the Philadelphia Section, ASCE Women's Auxiliary; four sons: Joseph A., Jr., Arthur A., John H., and George A.; one daughter, Anne S. Basener; and 14 grandchildren.

As noted in the previous announcement in THE NEWS, contributions in Joe's memory may be made to St. Ignatius Nursing Home, 4401 Haverford Avenue, Philadelphia, PA 19104.