



the news

PHILADELPHIA SECTION

AMERICAN SOCIETY OF CIVIL ENGINEERS

Vol. 49 - No. 6

Our 64th Year

MARCH, 1977

MARCH MEETING

Philadelphia Section, American Society of Civil Engineers

Sponsored by the Structural Group

TUESDAY, MARCH 8, 1977

Engineers' Club, 1317 Spruce Street, Philadelphia

Cocktails — 5:30 P.M.

Dinner — 6:30 P.M.

Meeting — 7:30 P.M.

SUBJECT:

ASPECTS of STEEL BRIDGE DESIGN and CONSTRUCTION

SPEAKER:

FRANK D. SEARS, P.E.

Chief of the Review Section, Bridge Division, Federal Highway Administration

PROGRAM HOST:

DR. GEORGE N. BATHISH, Chairman Structural Group

Frank D. Sears brings to the March meeting a wealth of bridge design and construction experience. He has worked for the Federal Highway Administration for 15 years, progressing through the ranks to his current position. Prior to this he was a partner in Modjeski and Masters where he worked for 15 years. In both positions, as a designer and as a reviewer, his main interest has been major long span structures.

He is a Fellow in the ASCE and has been a member since 1938.

He is a registered professional engineer in Pennsylvania, Louisiana, and Texas, and is a member of the AREA Committee 15 on bridges.

Frank Sears holds both a Bachelor's and a Master's Degree from Penn State.

He has lectured at several in-house training programs at the Federal Highway Administration and has recently contributed to a Graduate Seminar on bridge design at the University of Wisconsin.

SPECIAL FEATURE:

VILLANOVA UNIVERSITY NIGHT

The ASCE Student Chapter members, faculty and alumni of the Civil Engineering Department of Villanova University will be honored at this meeting. All students, faculty and alumni are cordially invited to attend.

Free Beer and Refreshments at the Meeting

Mail Reservation Cards Immediately — Win a FREE DINNER!

STUDENTS — Plan to attend for Dinner (Half Price) or meeting after Dinner

READING BRANCH MEETING

The March meeting of Reading Branch will be on Thursday, **March 17, 1977**, at Sheraton Berkshire Inn. Mr. Dov Kaminetzky, Partner in the firm Feld, Kaminetzky, & Cohen, will speak on "How to Prevent Formwork Failures". Dinner will be held at **6:30**, the meeting at **7:30**. Contact Mr. Robert Caswell at Gilbert Assoc., Inc., P. O. Box 1498, Reading, Pa. 19603 for reservations. All Philadelphia Section members welcome! This is a joint meeting with the local ACI Chapter.

ADVANCE NOTICE

Joint Meeting

Phila. Section A.S.C.E. and S.A.M.E.

WEDNESDAY, April 13, 1977

The Phila. Post, Society of American Military Engineers, will be host at the **Officers Club, Phila. Navy Yard**. Capt. Kenneth G. Wiman, Commanding Officer U. S. Coast Guard Base, Gloucester City, N. J. will speak on: **"A Cure for the Delaware Oil Spill Problem"**.

Full details in next months issue of **THE NEWS**.

Notice: If **THE NEWS** arrives late — or you forget to mail your dinner card, please call The Engineers' Club, PE 5-5234 and leave word for Mr. deKovacs, Exec. Mgr., to reserve a dinner plate for you. Of course, you are welcome for the meeting later, if you are unable to have dinner. No reservation necessary.

FEBRUARY MEETING

Engineers' Club February 8, 1977

Editors Note: THE NEWS is indebted to Dr. Edward F. Gilardi, Secretary-Treasurer of the Hydraulics and Sanitary Group, for the following writeup.

Solid Waste Management in the City of Philadelphia was discussed by Streets Commissioner, **David Damiano**, at the February 8th meeting of the ASCE Philadelphia Section.

Mr. Damiano described the history of collection, street cleaning and refuse disposal methods, ranging from horse drawn vehicles and landfills within the city limits to the present highly sophisticated plans for a refuse fired steam plant and strip mine reclamation projects.

Up to 70 percent of Philadelphia solid waste is currently being landfilled in New Jersey, Damiano stated. The remainder is handled by incinerators which have been modified by the addition of electrostatic precipitators in order to meet stringent air emission standards.

Commissioner Damiano also described a rail haul system currently under consideration for the transportation of solid wastes to reclaim strip mines in Pennsylvania. This will be a private enterprise undertaking, with contracts expected to be let in early spring.

The reclaiming of the energy potential in solid wastes is the object of a refuse fired steam generating station being planned in cooperation with Philadelphia Electric Company. The feasibility of this approach is greatly enhanced by the low garbage content of the Philadelphia solid waste; this material being already recycled via pig farms in New Jersey.

The highly successful luncheon meeting held at the Engineers' Club was hosted by **Mike Nelson**, Chairman of the Sanitary and Hydraulics Group, and attended by over one hundred twenty members and student affiliates.

Univ. of Pa. Night

In keeping with the furtherance of academic involvement in ASCE activities, the University of Pennsylvania Civil Engineering Program and the student ASCE Chapter were featured at this meeting. Dean Sidney Shore described the Civil Engineering Program at Penn and introduced the many Student Chapter and faculty members who were in attendance.

GEOTECHNICAL GROUP
PROCEEDINGS PUBLISHED

The 1974-1976 Proceedings of the lecture series "Geotechnics — A Bicentennial State of the Art, 1976, sponsored by the Geotechnical Group of Philadelphia Section, ASCE is now available. This 274 page volume features such topics as:

Geotechnics: 1776 - 1976 - ?" by James K. Mitchell; "Site Preloading", by Donald L. York; "Design and Installation of Earth Tiebacks", by James W. Sigoureny; "Slurry Trench Wall Design, Construction and Performance", by Ralph E. Brown; "Field Measurements in Geotechnical Engineering", by Ronald E. Smith; "Design Techniques for Deep Foundations", Robert M. Koerner; "Franki Pressure Injected Footings and Their Use in the Middle Atlantic Region", by Michael R. Demcsak; "Drilled-in-Caissons: Design Considerations", by William S. Gardner; "Drilled Pier Foundations, A Contractors View Point", by Joseph Puglia.

In addition, the highlights of the panel discussion which completed the lecture series and "Quotable Quotes" from selected works of the pioneers of soil mechanics are included in this informative publication.

To receive this worthwhile investment at an introductory price of \$15.00 plus postage send \$17.53 to "Proceedings" 5120 Butler Pike, Plymouth Meeting, Pa. 19462. For further information, call Bob Waitkus, Drexel University, Phone (215) 895-2350.

WOMEN'S AUXILIARY

The next regular monthly Luncheon-Meeting of the Phila. Section Women's Auxiliary will take place at the Engineers' Club on **Wednesday, March 16, 1977, 12:00 noon**. Officer **Ray Thompson**, of the Philadelphia Department of Police will discuss the important subject of "Burglary Prevention." All Auxiliary members and their guests are cordially invited to attend.

The Auxiliary is in the midst of a concentrated recruitment campaign. The cooperation of all Section members is urgently requested to prevail on their wives to join this splendid organization and enjoy its varied activities. For reservations for the March 16th meeting and membership information, please call Natalie (Mrs. William K.) Clayton — MI 6-2817.



Have YOU paid your Section Dues? If not, please mail check NOW — \$10.00 payable to Phila. Section, ASCE. Mail to ASCE, Engineers' Club, 1317 Spruce St., Phila., Pa. 19107. Attn. Theodore Davis, Treas.



SECTION MEMBERS!

Please Take THE NEWS Home. Your Wife Wants to Read The Women's Auxiliary Items.

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**COPY DEADLINE FOR
APRIL, 1977 ISSUE
MARCH 18, 1977**

TECHNICAL GROUP ACTIVITIES**Hydraulics and Sanitary Group**Date: **Wednesday, March 16, 1977****Luncheon Meeting**Engineers' Club — **12:00 Noon**Subject: **Oxygen Activated Sludge — Plant Operation**

Speaker: A representative of a large city currently employing oxygen activated sludge will be the featured speaker.

The meeting will highlight actual start-up and operating procedures and problems both with the cryogenic plant and the treatment plant.

For luncheon reservations, please call Susan Natiello at Weston, phone—(215) 567-2631.

Geotechnical GroupDate: **Tuesday, March 15, 1977**Engineers' Club — **7:00 P.M.**Subject: **Liquefaction**

Speakers: **Dr. John Christian**, Consulting Engineer and **Dr. Stan Lucks**, Assistant Chief Geotechnical Engineer from Stone and Webster Engineering Corp., Boston, Mass.

Structural Group

Sponsor of Main Section Meeting
March 8, 1977. See page 1.

Transportation & Urban DevelopmentDate: **Tuesday, March 15, 1977****Luncheon Meeting**Engineers' Club — **12:00 Noon**Subject: **UMTA's AGT Program**

Speaker: **Howard Evoy**, Urban Mass Transportation Administration, Washington, D.C. Automated Guideway Transit (AGT) Program, Office of

Socio-Economic Research and Special Projects.

Mr. Evoy will discuss the Morgantown People Mover Project, Downtown People Mover Program and socio-economic issues related to urban development. Slides will accompany presentation.

For luncheon reservations, please call Marianne Green at Dynatrend, Inc. phone—(215) 564-1235.

**NOMINATIONS for OFFICE
1977 - 1978**

In accordance with the Constitution and By-Laws of the Philadelphia Section, ASCE, the Nominating Committee which he appointed has submitted to President Will M. Heiser the following list of nominees for elective offices for the 1977-1978 year:

President —

Walter H. Clark (one year)

2nd Vice President —

Joseph P. Welsh (two years)

Assistant Secretary —

William M. Malarkey (two years)

Director —

Judy Y. Longfield (two years)

Director —

John M. Spitko (two years)

Director —

Norman G. Weintraub (two years)

Director —

William Parante

(Assoc. Member Forum—one year)

Offices in which incumbents have one more year to serve are:

1st Vice President —

Celestino R. Pennoni

Secretary —

Albert M. Tantala

Treasurer —

Theodore Davis

Membership Secretary —

Joseph R. Synchron

Directors —

Gerald M. McDonnell

Frederic Roll

Past Presidents to serve on the Board of Directors are:

Alfred O. Quinn

Robert M. Koerner

Will M. Heiser

If no additional nominations have been submitted to the President in accordance with the Section's Constitution and By-Laws and filed with the Secretary by April 1, 1977, the above slate of nominees shall be declared elected at that time, and will be installed at the Annual Spring Social at Bala Golf Club, May 14, 1977.

The Nominating Committee was comprised of: Robert M. Koerner, Chairman; Celestino R. Pennoni; Walter H. Clark; Alfred O. Quinn; and Lawrence M. Moy.

MEMBERS IN THE NEWS**Grandinetti Honored**

After many years of qualifying engineering service, **John R. Grandinetti** was recently elected to membership as a Diplomate in the American Academy of Environmental Engineers. This is one of the highest distinctions that can be conferred upon a member of the Environmental Engineering Profession by the prestigious Academy.

John received three degrees in engineering from the Towne Scientific School of the University of Pennsylvania, and is registered as a professional engineer in Pennsylvania, New Jersey, New York, and the National Bureau of Engineering Registration. John is a Fellow in ASCE and a Life Member in NSPE.

Formerly, John was also a member and very active in numerous scientific and technical organizations including The Franklin Institute, The Water Pollution Control Federation, and the American Society of Mechanical Engineers. During John's engineering career, he also published numerous articles pertaining to design projects for which he was responsible, in several scientific and engineering journals.

John was head of the Scientific Section of the Design Division of the U. S. Navy Department during World War II. After the War, he was appointed Chief of Design for the Department of Public Works, City of Philadelphia. In 1951 he established his own firm with offices in the Land Title Building in Philadelphia, which he maintained until about nine years ago when he moved his organization to Abington, Pa.

Lewis Named President of Weston

Brian J. Lewis, P.E., has been named President of Roy F. Weston, Inc., the West Chester, Pennsylvania environmental consulting engineering organization, succeeding Paul H. Woodruff who resigned. The announcement was made by Roy F. Weston, Chairman. Lewis

(continued on page 6)

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SAMUEL T. CARPENTER

The December, 1976 issue of THE NEWS featured a Profile of one of the Phila. Section's most distinguished members: Professor Samuel T. Carpenter. We monickered him "Mr. Phila. Section, ASCE", because of his decades of dedicated service, including a term as President (1953 - 1954). The December meeting highlighted "Swarthmore College Night", and Prof. Carpenter addressed the meeting to review current and proposed civil engineering curricula, programs and special projects at the school.

Sadly, we report that Mr. Carpenter, the Isaiah V. Williamson Professor of Engineering at Swarthmore College, died in his sleep early Friday, January 28, 1977. He was 70.

Mr. Carpenter was educated at Ohio State University, where he received B.C.E. and M.S. degrees. He came to Swarthmore in 1935, as assistant professor of civil engineering. Rising to associate and then full professor, he became the chairman of the department in 1964, leaving that post in 1972 to take the Williamson Chair in Mechanical and Civil Engineering.

In Swarthmore College President Theodore Friend's words: "Sam Carpenter has played a vital role in the development and professional status of the Swarthmore engineering program for forty-two years. He also contributed immeasurably to the integral growth of the College community as well as to the Borough of Swarthmore. At the time of his death he was working diligently to bring alumni, foundation and corporate support to bear in behalf of the facilities and program of the Department of Engineering, through his service as co-chairman of the Engineering Development Program. He will be missed for his high standards, plain ways, and ready humour, and for his outstanding contributions to the institutional and civic life of Swarthmore College and Swarthmore Borough."

Samuel T. Carpenter was the architect

of the modern, streamlined engineering department at Swarthmore College. His involvement with the Borough included ten years of service as a member of the School Board, from 1951 to 1962, and the chairmanship of the Borough Planning Commission, from 1972 until his death. A gifted raconteur, he had delighted generations of students and many lay audiences with his humorous recollections of "things the way they used to be."

Swarthmore Borough named him their "Citizen of the Year" during the Bicentennial Celebration last July 4, when the Lions Club made their award as the high point of a two-day celebration of the nation's birthday.

Mr. Carpenter has been named Engineer of the Year by Delaware County in 1967; and in 1970 was presented with the "Centennial Distinguished Alumnus Award" by his alma mater, Ohio State University.

Sam Carpenter had a keen insight into the character of college students. He understood their needs, was sympathetic to their problems, and spared neither time nor effort in assisting them. This quality was inherent in the man who devoted so much of his life to learning and teaching. All Professor Carpenter's students and colleagues will retain the rich legacy of his wisdom and counsel in remembering him.

In addition to his teaching and civic service, Mr. Carpenter served as a consultant to a number of industries and institutions, including the Sun Shipbuilding and Drydock Co., the Sun Oil Co., Standard Oil, the United States Navy, and the United States Army Corps of Engineers.

His list of publications runs for three full pages, and he was a member of the Society of Sigma Xi, Tau Beta Pi and the American Society for Engineering Education, in which he held numerous offices.

The Phila. Section extends its deepest sympathy to his wife, the former Mary Nofzinger; a daughter, Mrs. Brooke Thomas (Shirley) of Leverett, Mass.; two grandsons, and a sister, Mrs. Barbara Carto, of Fort Wayne, Indiana.

Memorial gifts may be made either to the Samuel T. Carpenter Memorial Fund at Swarthmore College or to Taylor Hospital.

The Phila. Section Salutes

The Engineers' Club of Philadelphia 1877 - 1977

One Hundredth Anniversary Year

The Engineers' Club of Philadelphia started in 1877 when a group of Philadelphia Engineers needed a place in which to meet for an exchange of ideas. Today the Club is the engineering center of the Delaware Valley and provides a place for members of the Club and affiliated societies to meet and discuss new engineering developments and problems. Club membership is open to professional engineers or persons who by their practical experience or interest in scientific, technical or related subjects are qualified to participate in the advancement of engineering.

An important service supplied to engineers and technicians in the Delaware Valley area is a comprehensive program of continuing education. A wide variety of evening courses offered each fall and spring provide opportunities for engineers and technicians to keep up to date in a variety of specialized engineering fields. Courses have been presented in such diversified subjects as, Engineering Analysis, Modern Power Plant Practice, Piping Design, Electrification of Industrial Plants, Nuclear Power Engineering, Engineering and the Law, Effective Writing for Engineers and others. Instructors are practicing engineers who are experts in their particular fields and can supply practical answers to students' questions. Comprehensive text books and notes are included with each course.

The clubhouse facilities include an attractive lounge, library, ladies reception room, cocktail lounge, dining rooms, bar, auditorium, classrooms and committee rooms. Reciprocal agreements with national engineers' clubs enable Philadelphia members to use other clubs facilities when out of town.

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"THE BOOK" IS READY AND WAITING FOR YOU

The special Bicentennial Commemorative Book celebrating the 1976 ASCE National Convention and Exposition, hosted by the Philadelphia Section at The Sheraton, September 27 - October 1, 1976: **"The History of Civil Engineering and Construction in the Delaware Valley"** is now available for purchase by the Section membership, their friends and associates.

Area Firms Buy Quantities

The Book Committee is proud to announce and congratulate the following progressive firms who have purchased the Book in quantity for distribution to their clients and associates:

Taylor, Wiseman, Taylor 20 copies
Conduit & Foundation Corp. ... 10 copies
Justin & Courtney (Div. of
O'Brien & Gere Engineers ... 10 copies
Raymond International, Inc. ... 10 copies
Pennoni Associates, Inc. 6 copies

How about adding your firm's name to this distinguished list?

National ASCE Pays Compliments

The Book has been recognized by New York ASCE Headquarters as an outstanding work. The nationally circulated "ASCE NEWS", a supplement to CIVIL ENGINEERING magazine, features an article which states that "... the Phila. Section's special and noteworthy Bicentennial Convention publication has probably outdone all other ASCE Sections and Branches" They extend plaudits to Editor Sid Robin — the Phila. Section Chairman of Publications —, Bruno Talvacchia — Book Committee Chairman — and the many Section members who contributed time, words and photos.

The 164-page handsomely bound hard cover profusely illustrated volume vividly portrays the full Convention program; a circumferential spectrum of historical and technological interest of the principal branches and elements of civil engineering, construction and public works development in the Delaware Valley. It contains short histories of the foremost engineers, consulting firms and construction-allied companies and industries in the region.

Sponsors (\$25.00 contribution), Professional Card inserters, advertisers (including firm histories) are each entitled to a complimentary copy of the book. In order that the Section may be spared heavy postage costs, we request that

these copies be picked up at the offices of Section Treasurer Theodore Davis, c/o Rothbaum & Davis, 215 S. Broad Street, Phila. 19107, Phone (215) PE 5-6498. Copies are also on hand for purchase — at \$10.00 each — at Mr. Davis' office, and also at the Engineers' Club (ask for Mr. deKovacs, Executive Manager, at the main desk). The Membership is urged to buy these valuable books. They will add prestige and effective reference focus to your library. You will also be helping defray the great cost to the Section of the recent great Convention.

Members can further serve the Section by publicizing the Book among their clients and associates in civil engineering and construction allied industries.

"ROBERT SMITH and the DEFENSES of the DELAWARE"

Submitted by Albert M. Tantala

On Friday, February 11, 1977, Mr. John W. Jackson, author and historian, presented a lecture on "Robert Smith and the Defenses of the Delaware." Robert Smith was an architect, builder and engineer (1722-1777) and the program was a tribute to Mr. Smith on the 200th anniversary of his death.

The lecture was sponsored by The Carpenters' Company of the City and County of Philadelphia, with the assistance of the Friends of the Independence National Historical Park, and the American Philosophical Society.

Because Philadelphia was threatened by the British, Benjamin Franklin and others planned for, among other things, the naval defense of our area, by commissioning Architect Robert Smith to design, site, and build chevaux-de-frise, spiked log crates, big as two-story houses, which were sunk in careful formations below the surface of the river.

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Even though chevaux locations were secret, their presence were widely advertised.

For more than twenty-five years, Robert Smith designed and erected most of Philadelphia's important buildings. As an architect, builder, and engineer, he probably had the largest practice. Nassau Hall at Princeton, the steeple of Christ Church, and Carpenter's Hall are his best-known works today.

The following Philadelphia Section ASCE'ers participated. Mr. John J. Lotz, Jr. (President of The Carpenters' Company, and the 1977 Philadelphia Engineer of the Year), Past-President Joseph R. Farrell, Jr. (Senior Warden, Carpenters'), and Thomas S. Keefer (Curator Carpenters').

WELCOME

The following is a partial listing of new ASCE members and members who have recently transferred into the Philadelphia Section. We welcome each and invite them to become active participants in Section activities.

New Members

Bruce Guarini
Allan Reese
Alakendra Basu
James Caherly
James Costello
James Druucker
Samuel Greco
Edgar Helmey
Robert Insetta
John Kiser
Paul Marano
Robert Rosenfelt
Ralph Steiner
Charles Wilson
Frank Senske
Jonathan Fine
Gary Asztalos
Raymond Markowski

Transferred-in Members

Richard Davino
Todd V. Heller
Zdenek Majer
Hugh A. Mose
Thomas Reynolds
John Witkowski
Albert O. Degling

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MEMBERS IN THE NEWS

(continued from page 3)

joined Weston in 1973 as Manager of the econENVIRONomics Division. He was appointed Vice President of the Client Services Division in 1974 and had been Home Office Group Vice President before becoming President. He is a Director of Roy F. Weston, Inc.

In 1963, Lewis was named "One of Three Outstanding Young Men of Washington" by Washington State Jaycees. In 1966, he was elected to the Washington State House of Representatives, and in 1968 to the Washington State Senate.

A native of Great Britain, Mr. Lewis became a U. S. citizen in 1959. He is a graduate of the University of Durham with a B.Sc. in Civil Engineering, and holds a Graduate Certificate in Public Health Engineering from King's College, Newcastle-upon-Tyne. He has a Masters in Transportation and Traffic Engineering from the University of California at Los Angeles.

Lewis is an active member of numerous professional societies, including: Fellow, ASCE; Fellow, Institute of Transportation Engineers; Member, APWA; Member, NSPE; and the American Consulting Engineers Council.

THINK SPRING SOCIAL!!

And what a beautiful thought it is on these miserable frigid winter days! In a little more than 9 weeks we'll be tripping the light fantastic at the Phila. Section's Annual Spring Social.

This year's affair will be held at Bala Golf Club on **Saturday, May 14, 1977**. Women's Auxiliary Social Committee Chairman Joan (Mrs. Wallace A.) Rutcki and her assistants are busy completing arrangements. As Joan's past magnificent accomplishments attest, the big party will be first-rate, featuring a delicious dinner; dancing and listening to the strains of a top-rate orchestra; entertainment; and all-around good fun and fellowship.

Watch for full details and ticket-reservation information in the April issue (next month) of THE NEWS. In the meantime, circle the date to the exclusion of EVERYTHING ELSE.

SATURDAY, MAY 14—BALA SOCIAL

PLAN FOR SAN FRANCISCO

San Francisco will host the ASCE Annual Convention October 16 - 21, 1977. Advance information and ideas on travel can be obtained by writing directly to:

Ray O'Neil
Bartle Wells Associates
100 Bush Street
San Francisco, California 94104

October is San Francisco's best season. Mr. O'Neil invites you to come share it.

POSITION AVAILABLE:
ASCE STUDENT SERVICES

A staff position as Manager or Assistant Manager of ASCE Student Services at the New York National Headquarters is now open.

Responsibilities include organizing and conducting current and new ASCE programs relating to students and student chapters, membership promotion, and several other related assignments. The position involves extensive correspondence, developing reports and publications, and organizing meetings and conferences.

The position requires initiative, ability to generate ideas for new programs, strong writing and speaking skills, ability to work with people, and interest in advancing the profession of civil engineering.

Location at ASCE headquarters office, New York City. Travel to several conventions, conferences and meetings across the United States each year.

Preference given to a CE graduate with some experience in practice or education. Evidence of interest in engineering education would be a plus.

Salary and position title (Manager or Assistant Manager) commensurate with background and experience.

This staff opening is due to the resignation of Al Neuman who has accepted a position with Louis Berger International in Nigeria.

Interested candidates are asked to send a resume (or else call): Joseph McCabe, Director of Education Services, ASCE, 345 East 47th Street, New York, N.Y. 10017; telephone (212) 644-7669.

1977 MEAD PRIZE FOR
ASSOCIATE MEMBERS

The topic for the 1977 Daniel W. Mead Prize for ASCE Associate Members is **"Engineering Advertising — Where should the Line be Drawn?"** The new ASCE Code of Ethics specifies that engineers shall build their professional reputations on the merits of their services, and shall not compete unfairly with others. The Guidelines to Practice state that engineers may advertise professional services in a way that does not contain self-laudatory or misleading language, or is in any other manner derogatory to the dignity of the profession.

Some individuals feel that there should be no restrictions on advertising, while others think the new Code is too permissive. What do you think Associate Members?

The following rules must be followed in the competition:

- * Only one person (an Associate Member) can write each paper.
- * Each Section can submit only one paper.
- * Papers are limited to 2,000 words and must be submitted to National, through the Philadelphia Section, by **May 1, 1977**. One winner will be selected from each of the ASCE's four zones.
- * The National winner, selected from the zone winners, will receive a wall plaque and a certificate; and the paper will be published in **Civil Engineering** or in **Engineering Issues**.
- * For more information, contact AMF President Bill Malarkey, PennDOT, 200 Radnor Chester Road, St. David's, Pa. 19087; Phone: (215) 687-1600, Ext. 268; or Sidney Robin, Editor of THE NEWS, (215) DA 9-4121.

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

In 1974, Phila. Section member **John E. Spitko**, was the winner of the Mead Prize. So, start writing, Associate Members! Let's have another winner this year.

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