

# the news

PHILADELPHIA SECTION



AMERICAN SOCIETY OF CIVIL ENGINEERS

Vol. 50 - No. 2

Our 65th Year

November, 1977

## NOVEMBER MEETING

Philadelphia Section, American Society of Civil Engineers

**TUESDAY, NOVEMBER 8, 1977**

Engineers' Club, 1317 Spruce Street, Philadelphia

Cocktails — 5:30 P.M.

Dinner — 6:30 P.M.

Meeting — 7:30 P.M.

### SUBJECT:

**CONTROLLED DEMOLITION**

### SPEAKER:

**JOHN D. LOIZEAUX**, President, Controlled Demolition, Inc.

### PROGRAM HOST:

**BILL MALARKEY**, Chairman, Associate Member Forum



Since founding Controlled Demolition, Inc. (CDI) a number of years ago, John Loizeaux has razed numerous structures, and in the process, has raised quite a few eyebrows to the possibilities of extremely precise blasting methods. He is best known locally for the demolition of the old Traymore Hotel in Atlantic City, and his reputation is now worldwide.

Mr. Loizeaux holds degrees from the University of Georgia and Johns Hopkins University. CDI is a family-run operation; John's wife and two sons are officers of the company.

The presentation will consist of a brief introduction followed by approximately one-half hour of film, with narration. After the film presentation, the meeting will be open for a question and answer period.

### SPECIAL FEATURE:

#### VILLANOVA NIGHT

This is the month set aside for honoring the ASCE Student Chapter, faculty and alumni of Villanova University. Faculty Advisor Dr. Lew Mathers and Student Chapter Officers will be introduced. All Villanova University faculty, students and alumni are urged to attend.

#### ELECTION DAY BONUS AT NOVEMBER MEETING!!

Since the Engineers' Club is private, it is one of the few places in the state where you can get a drink on November 8. Not only that, but through the generosity of the Hewlett-Packard Corp., the beer and pretzels will be free. There will be a display of H-P calculators, desk top computers, distance measuring equipment and other instruments. You are invited to "talk shop" with the Hewlett-Packard representatives.

### Mark Your Calendar Now

#### SPECIAL ADVANCE NOTICE

The Section's regular December meeting will take place on **WEDNESDAY, DECEMBER 14, 1977 — LUNCHEON MEETING — Engineers' Club — 12:00 noon.** (Cocktails — 11:30).

Subject: **Sewage Sludge Composting**

Speaker: **Dr. J. F. Parr**, Bio Waste Management Laboratory, U.S.D.A.

Program Host: **Harold Gilman**, Chairman, Hydraulics and Sanitary

The meeting will also feature Swarthmore College ASCE Student Chapter and Civil Engineering Department.

#### READING BRANCH

The November meeting of Reading Branch will be held on **Thursday, November 17, 1977**, at the Green Valley Country Club. Philadelphia Section Past President, **Dr. Robert M. Koerner**, Professor of Civil Engineering, Drexel University will speak on **"Current Civil Engineering Education"**. Dinner will be at 6:30, the meeting at 7:30. Contact Robert Richert at (215) 376-6611 Ext. 347 for reservations. All Philadelphia Section members welcome!

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.

Mail Reservation Cards Immediately — Win a **FREE DINNER!**

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

## OCTOBER SECTION MEETING

October 11, 1977 Engineers' Club

The attendees of this year's first Section Meeting learned, emphatically, what it takes to earn ASCE's coveted Outstanding Civil Engineering Achievement Award.

Hosted by new President Brian J. Lewis, the Section was treated to a presentation by **Dr. Toby Yu**, President of ORBA Corp., and manager of the team which conceived, designed, arranged financing, constructed and now operates the Superior Wisconsin Coal Rail-to-Ship Transfer Station for the owner, Detroit Edison. (See October 1977 "NEWS" for a profile of Dr. Yu.)

### Temple Honored

Continuing its policy of featuring area college ASCE Student Chapters and Civil Engineering Departments, the Section spotlighted Temple University College of Engineering Technology at the October meeting. Civil Engineering Department Chairman and prominent ASCE Section member **Dr. Robert J. (Jim) Stone** spoke briefly on the current and planned activities of the staff and the Department, which includes construction technology and environmental specialties, in addition to the civil engineering and construction curricula. Dr. Stone reviewed the progress of the school's four-year and two-year programs. He is encouraged, as we all are, by increasing enrollments in all branches of study. Jim also explained the expansion of all departments of the College, which include Architectural, Mechanical, Electrical and Environmental Engineering.

Jim introduced members of the faculty, principals and members of the ASCE Student Chapter and alumni who were in attendance.

### The Terminal Is Described

Basically, the Superior Rail/Ship Transfer Station receives Western coal in 110-car, 10,000-ton shipments from the Decker Coal Mine in Montana, after a 1,000-mile Burlington-Northern rail trip. These trains arrive continuously year round, despite the frigid winters in the Great Lakes region. At the Lake Superior site, coal is unloaded from the 110-car unit trains, by turning each rail car upside-down without uncoupling the car from the rest of the train. In this way a 110-car train can be unloaded within four hours. The coal is then transported by a huge conveyor system to high-line shuttle conveyor, 120 feet above the 200-acre storage site. The coal is stockpiled, according to the amount of coal shipped and received.

The shiploading end of the project is unique in that it is the largest in the world being used for coal. It has the ability to reclaim from storage piles and load onto a waiting freighter 11,000 tons per hour of coal. Dr. Yu probably astonished everyone in the Engineers' Club Main Auditorium that night when he stated that, if that room had been filled with coal, the shiploader could have emptied the auditorium in **five seconds**.

### Award Winner

The Superior Transfer Facility would be unique and interesting if we stopped here, but the facts which probably won the OCEA award for the project follow. On March 16, 1974, Detroit Edison had a one-page contract with ORBA to design, construct, start up, operate and begin receiving coal within two years. No soils or geologic data for the site was available. Equipment lead times were long. No environmental permit applications had been applied for yet. The height above water of the new ship to receive the coal was not even determined yet. Ground was broken for the project only four months after the word "go" in March. On March 17, 1976, the facility started to receive coal shipments from Decker Mine in Montana. Because of its one-and-a-half mile proximity to Superior, Wisconsin, a unique, almost totally dust-free system of stacking and reclaiming the coal was devised by ORBA and is the heart of this facility. (See June 1977 CE Magazine for further details.) The shiploading equipment had to be designed, specified and purchased almost immediately because of the long equipment lead times; and, an "educated guess", as Dr. Yu put it, had to be made on the height of the freighters before they were even designed.

One is inclined to wonder "what if" numerous times: what if the financing had fallen through, what if the environmental permits had taken twice as long as they were supposed to, what if the main conveyor tunnel settled, and so forth. In response to a question about why ORBA had initially thought they had a chance to finish the \$45 million project in two years, Dr. Yu recounted the parable of the turtle: "Behold the turtle, he makes no progress unless he sticks his neck out."

Dr. Yu fielded well the many penetrating questions directed at him by members of the audience. Newly installed President Brian Lewis presented the speaker the Section's Certificate of Appreciation for his excellent presentation.

Earlier, Mr. Lewis, in his initial public appearance as the Section's presiding officer delighted the Membership with demonstrations of his quick wit, personable demeanor, and astute mind. He referred to - and invited comments on - his President's Message which was published in the October, 1977 issue of THE NEWS (the members are urged to read his enlightened and prudent observations in the article). Mr. Lewis importuned ASCE members to "... speak out on issues which are on the community's agenda of unfinished business ...." As noted in his Message, he is in the process of establishing a Community Affairs Committee in the Section, to focus on issues which should be of particular concern.

It was a very interesting evening.

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**COPY DEADLINE FOR  
DECEMBER, 1977 ISSUE  
NOVEMBER 21, 1977**

**TECHNICAL GROUP ACTIVITIES****Construction**

Date: Tuesday, November 15, 1977

7:00 P.M., Engineers' Club

Subject:

**"Computer Impact on Construction"**Speaker: **Paul Plotnick, P.E., (M.ASCE)**

Pres., Complete Computer Systems

Program Host: **Fred Plotnick, Chairman**  
Construction Group

The agenda includes: viable applications, the right time to buy; the importance of software; time, dollar and know how involvement of the buyer.

The session will include a discussion period, sample reports, and computer information sheets. Plans for the meeting include a live computer demonstration.

Mr. Plotnick is among the most qualified authorities on the practical application of minicomputers. His firm has installed large and small systems in construction companies and other industries. He was Resident Engineer and Project Engineer at Philadelphia International Airport, with a background at the Pennsylvania Department of Transportation.

**Geotechnical**

Date: Tuesday, November 15, 1977

7:00 P.M. — Engineers' Club

Subject: **Engineering Aspects of the Production/Collection of Gas in Sanitary Landfills**Speaker: **Dr. Robert Schoenberger,**  
Drexel University

Refreshments are served.

**Structural**

Date: Friday, November 18, 1977

Luncheon Meeting — 12:00 Noon

Subject: **Fatigue Strength of Welded Structures**Speaker: **Dr. John W. Fisher,** Professor  
of Civil Engineering, Lehigh Univ.Program Host: **Dr. George N. Bathish,**  
Chairman, Structural Group

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**ASSOCIATE MEMBER NEWS****Canoe Race Planning**

The Associate Member Forum will be running this year's Concrete Canoe Race for the local Student Chapters. We are in the process of obtaining the use of the Schuylkill River course in early April, 1978. Any associate members who would like to help out in the areas of student chapter liaison, press relations, judging, and so on, please contact Bill Malarkey at (215) 687-1600, ext. 268.

**THANK YOU, LOYALTY FUND CONTRIBUTORS**

Treasurer Theodore Davis expresses the Phila. Section's sincere appreciation to those members who add contributions to the Loyalty Fund when they remit their checks for Section dues. These voluntary contributions augment the funds of the Phila. Section and to maintain the dues at the current level. The contributions also help make possible the continuation of the Section's diverse programs to improve the stature of the Phila. Section, the ASCE and the profession within the Delaware Valley community.

Members, your 1977-1978 Section dues (\$10.00) are now payable. Please mail your check, to the order of Phila. Section, ASCE, to ASCE, Engineers' Club, 1317 Spruce St., Phila. 19107, attn. Theodore Davis, Treasurer. And—add a voluntary contribution to the Loyalty Fund. It will be put to good use.

**Fall Social Cocktail Party**

A highly successful precedent was established when the Philadelphia Section's traditional Fall Social adopted a new format last year. It was a delightful cocktail party hosted by Section Treasurer **Ted Davis** and wife **Eleanor** at their Hatboro home. It was a "pitch-in" affair, in which participants contributed delicacies and funds to cover costs.

The 1977 Fall Social will be a Cocktail Party at the home of **Ken and Marie Zitomer**, 6340 N. Seventh Street, Phila., Pa. 19126. It will be held on **Sunday, November 6, 1977 — 4:00 to 7:00 P.M.** The donation is \$5.00 per person, and reservations are requested by calling Mrs. Zitomer at (215) LI 8-5324, or Fall Social Chairman Ann (Mrs. James D.) Leasure, 376 E. Gowen Ave., Phila., 19119 — (215) CH 2-0872. Please call as soon as you see this notice in THE NEWS.

**CLUB FACILITIES AVAILABLE**

The Engineers' Club of Philadelphia House Committee extends an invitation to the members of the American Society of Civil Engineers and their wives to use the facilities of the Engineers' Club during the Holiday Season on a cash basis.

Guest cards can be obtained at the Club front office for the period November 1 through January 15.

The Club is open for Thanksgiving Day and New Years' Day, and facilities are available for cocktails, dinner, office parties, etc. Further information may be obtained by calling Jozsef deKovacs, Executive Manager at the Engineers' Club, (215) 735-5234.

**CALL FOR PAPERS**

The Masonry Society announces the North American Masonry Conference to be held August 14-16, 1978 at the University of Colorado at Boulder.

The three-day conference will bring together people interested in masonry design, construction, materials, codes and standards, research, and manufacture of masonry systems and products. The objective of the conference is to provide a forum for the exchange of concepts, information, and experience in all areas related to masonry usage.

Papers which treat any of the above or any other subject relating to some phase of masonry are invited. Prospective authors are requested to submit three (3) copies of a one-page abstract of their paper by November 15, 1977 to

Professor James Chinn,  
Technical Program Chairman,  
North American Masonry Conference,  
Department of Civil Engineering,  
University of Colorado,  
Boulder, Colorado 80309

Letters notifying authors to begin preparation of papers will be mailed on December 15, 1977. Final paper must be received by March 15, 1978.

For additional information contact Professor Chinn (303) 492-7994.



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## MEMBERS IN THE NEWS

THE NEWS is pleased to announce that two Philadelphia Section members have been advised that their papers have been accepted for publication in National ASCE Technical Division Journals.

**Dr. Robert M. Koerner**, distinguished Past President of the Philadelphia Section, Professor of Civil Engineering, Drexel University, whose paper, "Laboratory Determination of Subsurface Water Levels Using Microwave Interference" (Technical Note) co-authored with Thomas A. Okrasinski and Arthur E. Lord, Jr., will appear in the Journal of the Geotechnical Engineering Division.

**Dr. William J. Dunlay, Jr.**, Professor of Civil Engineering, University of Pennsylvania, whose paper, "Tandem Queue Algorithm for Airport User Flow," will be published in the Transportation Engineering Journal.

Professor Willard A. Murray, Department of Civil Engineering, Fritz Engineering Laboratories, Lehigh University, Bethlehem, Pa., and a member of the ASCE Lehigh Valley Section, has had his paper, "Erodibility of Coarse Sand-Clayey Silt Mixtures" published in the October, 1977 issue of the Hydraulics Division Journal.

The Philadelphia Section congratulates its two members and an affiliate of its close associate Section and former Branch, Lehigh Valley Section, on their excellent accomplishments.

Phila. Section Past President **Joseph R. Farrell, Jr.** has been elected President of the General Contractors Association of Pennsylvania, which is an "Association of Associations", whose primary function is to look after legislative matters Statewide for the construction industry and, as a secondary function, works in close harmony with the State Agencies in an effort to promote cooperation and better coordination between the State and the Contractors.

In addition, Joe has been named Chairman of the Public Relations Com-

mittee of the Associated General Contractors of America, and has also been appointed to that national organization's Board of Directors.

Section Past Director **George R. Beetle** has been active in the National ASCE Urban Transportation Division, and serves on that group's Urban Transportation Economics Committee. The Committee met at Dallas, Texas last spring to develop information on cost and efficiency considerations for urban transportation modes, and to encourage use of improved economic criteria and evaluation procedures.

## STEINER WINS COLLINGSWOOD PRIZE

The Professional Activities Committee has selected **Ronald S. Steiner** as the recipient of the 1977 Collingswood Prize for his paper, "Reinforced Earth Bridges Highway Sinkhole", which was published in the July, 1975 issue of *Civil Engineering*.

The Collingswood Prize is awarded annually to Associate Members who have authored a paper: (1) describing an engineering work with which he or she has direct knowledge, or (2) recording investigations contributing to engineering knowledge to which he or she may have contributed some essential part, and; (3) containing a rational digest of results.

Mr. Steiner is employed with the Pennsylvania Department of Transportation and is currently part of a special construction management team supervising the completion of Interstate 95 through the City of Philadelphia. Over \$250 million worth of roadway and mass transit facilities are involved in this endeavor which is the largest of all Pennsylvania Department of Transportation projects. His award-winning paper concerned the notorious sinkhole on U.S. Route 202 near Norristown, and Pennsylvania Department of Transportation's efforts to stabilize same.

Ron is a 1966 graduate (BSCE) of the Cooper Union for the Advancement of Science and Art, and received an MSCE degree from Villanova University in 1971. He lives in Overbrook Hills, Pa. with wife Risa and children Joshua and Rebecca.

## CHARLIE NUGENT APPOINTED

The New Jersey Industry Advancement Fund, a trusteeship of the New Jersey Construction Industry has been established by combining two former trusteeships of the heavy and highway and utility construction segments of the industry. The Managing Director is **Maynard Charles Nugent**, a former member and good friend of the Philadelphia Section. Mr. Nugent is a resident of Ewing Township New Jersey, Chairman of the Ewing Township Industrial and Commercial Development Commission and a candidate for the Ewing Township Council.

The New Jersey Industry Advancement Fund will provide services for the founding associations, The New Jersey Asphalt Pavement Association, The New Jersey Utility Contractors Association, and The Associated General Contractors of New Jersey in the areas of public relations, standardized contract documents, engineering consultation, education and safety.

## First National Moped Conference

Anaheim, California  
February, 1978

A two day conference on safety, education, planning and design considerations involved in the operation of motorized bicycles. The conference will be held under the auspices of and in co-sponsorship with national professional, governmental, and industry organizations.

The conference will be conducted in a workshop format with opportunities for interchange of individual views among speakers and participants.

Authors are invited to submit abstracts (250 words or less) of proposed papers for presentation, papers should deal with the topics indicated below.

Subject Areas — The Role of Government, Education, Safety, Enforcement, Equipment Design, Planning and Design, Citizen Participation, User Demand, Legislation, Marketing.

Abstracts and papers should be sent to: Mr. Louis Rubenstein, Conference Secretary, MAUDEP, P. O. Box 722, Church Street Station, New York, N.Y. 10008

**DID YOU KNOW . . .** First Licensing Laws were created in 1760 for Medicine; 1841 for Dentistry; 1890 for Law and 1907 for Engineering . . . National Board of Examiners were created in 1892 for Medicine; 1883 for Dentistry; 1931 for Law and 1920 for Engineering.

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## SECTION MEMBERS!

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



## LEGISLATIVE CORNER

by John E. Spitko

Three new bills have been introduced recently in the Pennsylvania State Legislature which are of interest to ASCE members. Two deal with dam safety and one deals with government purchase of foreign steel.

### Dam Safety

With the recent dam related floods in the Western U.S. and Johnstown, Pa., dam safety has become a prominent issue.

House Bill 1660 was introduced on September 27, and was referred to the Committee on Conservation, where it remains. It gives the Dept. of Environmental Resources (DER) the power and duty to monitor all earth dams. Specifically, the bill requires DER to "install or require and oversee the installation of a flood monitoring system of the sensor type in all earthen dams which could cause loss of life or serious damage to property should a failure of the dam occur. The Department shall maintain a current list of all such dams."

The second is a comprehensive dam safety bill, Senate Bill 1145. This was introduced on October 11 by Senator Coppersmith (Johnstown) and others and was referred to the Senate Health and Welfare Committee where it remains. This bill is based on a model dam safety law written by the United States Committee on Large Dams. Originally, several years ago, the Corps of Engineers was commissioned by Congress to write a national dam safety law but no money was allocated for the job. The Corps, however, did survey all significant U.S. dams and found that there were 42,000 which met certain height, storage capacity and other criteria. The Corps recommended that dam safety was a matter which should be taken care of by the states.

The substance of Senate Bill 1145, based on the Large Dams Committee Model Law, was endorsed by ASCE several years ago when the bill was introduced once before but did not become law. The Public Health and Welfare Committee intends to schedule hearings some time in the future; the first is to be held in Johnstown. Joseph Elam, the Manager of Dam Safety for DER in Harrisburg, urges ASCE members to write their State Legislators in support of the bill.

As more information becomes available on these two bills, we will update this report.

### Foreign Steel

Senate Bill 1068 provided that all steel purchases for State construction projects be steel produced in the United States. This bill went through two considerations on the floor of the Senate without success. It has now been amended (as of 10-23) to provide that all public bodies use only steel products made in the U.S. These public agencies would not be authorized to make payment for their contracts until it is verified that domestically produced steel has been used. According to the Pennsylvania Municipal Authorities Association, it would "apply to all construction, reconstruction, alteration, repair, improvement, or maintenance to structure of the Commonwealth, counties, cities, boroughs, building authorities, and to other governmental bodies. The bill contains no provision to handle the case of a contractor who cannot locate a specific type of domestically produced steel product."

### Surveyors Bill-Status

The two surveyors bills, reported on last month, are still in their respective committees, with no action reported.

## WANTED:

### Historical Data on Gavel

The editor of THE NEWS would appreciate for publication any information members of the Section can provide on the historical background of the Section's presidential gavel. There is an enigmatic inscription on the gavel which needs clarification. It reads: "This gavel was made from timbers used in the construction of the Rainbow Bridge."

If anyone knows where this bridge is located or the derivation and connection of the gavel with it, please contact Publication Chairman **Sid Robin**, 64 Nancy Drive, Richboro, Pa. 18954 — (215) 322-7464.

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## SECTION'S DELAWARE VALLEY BOOK AVAILABLE

Copies are still available, for purchase, of the Philadelphia Section's highly recognized publication: "The History of Civil Engineering and Construction in the Delaware Valley," composed for the 1976 Bicentennial Celebration and the ASCE National Convention hosted by the Philadelphia Section last Fall. The book has become an invaluable addition to the libraries of hundreds of individual engineers and consulting firms, construction companies and allied industries. It has been praised by many professional organizations, including ASCE, for its outstanding quality.

The 164-page handsomely bound, hard cover, profusely illustrated volume, vividly portrays the full Convention program, a 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 brief histories of the foremost engineers, consulting firms and construction-allied companies and industries in the region.

Arrangements for obtaining copies of the book may be made by contacting Section Treasurer Ted Davis, c/o Rothbaum and Davis, 215 S. Broad Street, Phila., Pa. 19107, (215) PE 5-6498. The cost is \$10.00 per copy. Phila. Section members can further serve the Section by publicizing the book among their clients and associates.

## ENVIRONMENTS CONFERENCE — CALL FOR PAPERS

An ASCE Specialty conference on practical methods for dealing with the effects of cold weather in civil engineering practice will be held May 17-19, 1978 in Anchorage, Alaska, sponsored by the Task Committee on Cold Regions and the Alaska Section. Papers are invited from persons in all technical interest areas.

Winter problems in temperate climates as well as those problems arising in Arctic sites have produced innovative techniques and application. Solutions involving concepts, methods, materials, manpower, logistics, management, economy or reliability are welcome. The Anchorage Conference will be the first Society-wide effort in bringing together current applied techniques in cold regions engineering.

The Conference theme will be "Ap-

(continued on page 6)

### CSI MINI-PRODUCTS SHOW

The Philadelphia Chapter of the Construction Specifications Institute will host a "Mini-Products Show" on **Monday December 12, 1977** at the Engineers' Club. The show will feature materials, equipment and services available to Architects, Engineers, Specifiers, Contractors and Buyers. There will be 35 table-top displays which will present a full range of Architectural and Construction-Oriented Exhibits.

The "Mini-Products Show" will be open to all design, construction and procurement professionals without charge. Complementary wine and cheese will be offered throughout the day and frequent door prizes will be awarded during the exhibit viewing.

Exhibit viewing hours will be from 3:00 P.M. to 9:00 P.M. at the Engineers' Club, 1317 Spruce Street, Philadelphia. For more information, interested persons are invited to telephone "Mini-Products Show" Chairman, Frank J. Wearshing, 215-864-8763 or Chapter President, Robert Morgan, 215-OR 3-4815.

### ENVIRONMENTS CONFERENCE

(continued from page 5)

plied Techniques for Cold Environments". It will address the significance of low temperature in civil engineering works, transportation and support facilities, urban planning, surveying and mapping, water resource utilization, coastal and ocean engineering, special cold weather geotechnical and construction problems.

Papers for the conference will appear as a preconference volume to be sent to all prepaid registrants April 15, 1978. A post conference volume containing material from the Conference will also be available to registrants on September 1, 1978.

State of the art summaries and discussions will constitute the conference. Although numerous specific topics will be presented, the conference format will treat all topics in four general ways:

1. Support systems
2. Commercial, institutional and industrial facilities
3. Materials, manpower and equipment
4. Land, coastal and resource development

Papers may relate to planning, design, construction or operation and should not be more than 3,000 words in length.

Abstracts must be received by Wm.

F. Ayer, American Society of Civil Engineers, 345 East 47th Street, New York, New York 10017 by October 31, 1977. Final papers for publication in Volume I of the proceedings must be received prior to December 15, 1977.

### HOW TO ADDRESS A PUBLIC OFFICIAL

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Columbus, Ohio  
Dear Representative Doe:

### THE LAST WORD

In committee meetings, I  
Am clam-like, silent, mute;  
I ask no questions, nor engage  
In rambling dispute.  
I give the chairman only terse  
Yeas or nays in turn;  
But speak out promptly  
When he wants  
A motion to adjourn.

### Nominations sought for Outstanding Civil Engineering Achievement Award

Each year ASCE recognizes Civil Engineering achievements by selecting for award an engineering project that demonstrates the greatest engineering skills, and represents the greatest contribution to civil engineering progress and mankind. In making the selection, the following criteria are given special weight:

- \* Contribution to the well-being of people and communities.
- \* Resourcefulness in planning and in solution of design problems.
- \* Pioneering in the use of materials and methods.
- \* Innovations in construction.
- \* Impact on physical environment.
- \* Unusual aspects and aesthetic values.

Basically, a project must be essentially complete or at least partially operational during the year the nomination is made to be eligible for the award. The nominations must be officially made by a Director of the Society and each Director may only nominate projects from his District.

Anyone who has suggestions as to projects which should be considered for this award should forward same to **Albert Tantala**, Secretary of the Philadelphia Section, 4903 Frankford Avenue, Philadelphia, Pa. 19124, prior to November 18, 1977. Documentation supporting the suggested nomination would be helpful but not necessary. If more detailed information is desired, please call **Joseph Syrnick**, (215) MU 6-5539.

### WOMEN'S AUXILIARY

#### November Meeting

The regular monthly Luncheon-Meeting of the Section's Women's Auxiliary will be held on **Tuesday, November 15, 1977, 12:00 noon** at the Engineers' Club. The meeting will feature a Pre-Christmas Decoration Show.

#### December Combined Meeting

The Auxiliaries of ASCE, ASME (American Society of Mechanical Engineers), IEEE (Institute of Electrical and Electronic Engineers), and PSPE (Pa. Society of Professional Engineers) will hold a combined Christmas Party at the Engineers' Club on **Tuesday, December 20, 1977, at 12:00 noon**. Plan now to attend this unusual affair, where you are bound to meet many new and interesting friends.

For reservations at both meetings please contact Mary Ellen (Mrs. Warren R.) Van De Vort — (215) IV 3-0714.

**Place your Ad or Professional Card in "The News"**  
call Advertising Manager Robert Plucienik at 567-2631