



the news

PHILADELPHIA SECTION

AMERICAN SOCIETY OF CIVIL ENGINEERS

VOL. 47 - No. 2

Our 62nd Year

November, 1974

NOVEMBER MEETING

Philadelphia Section, American Society of Civil Engineers
Sponsored by the Transportation & Urban Development Group

TUESDAY, NOVEMBER 12, 1974

Engineers' Club, 1317 Spruce Street, Philadelphia
Cocktails — 5:30 Dinner — 6:30 Meeting — 7:30

SUBJECT:

TRANSIT-MOVING PEOPLE IN THE NEXT DECADE

SPEAKER:

MR. B. R. STOKES, Executive Director of the American Public Transit Association, Washington, D. C.

PROGRAM HOST:

DANIEL WESSELS, Chairman, Transportation and Urban Development Group

SPECIAL GUEST:

EUGENE ZWOYER, National ASCE Secretary and Executive Director

Mr. Zwoyer will address the main Section meeting on National ASCE affairs. He will also attend and speak at the earlier meeting of the Student Chapter officers and faculty advisors; and the Section's Board of Directors.



Mr. Stokes has been associated with the development of San Francisco's Bay Area Rapid Transit System and was Director of that agency prior to joining the APTA. The American Public Transit Association was formed in October, 1974 through amalgamation of the American Transit Association and the Institute for Rapid Transit.

Mr. Stokes will present a comprehensive perspective of transit in the United States. We can anticipate at this meeting enlightening discussion of the methods used by regional Public Transportation Authorities to analyze and select major alternatives. This meeting, on one of

the highest priority subjects of our time, is bound to be of great interest. Be sure to attend!

SPECIAL FEATURE:

"University of Pennsylvania Night"—

Honoring the ASCE Student Chapter, faculty and alumni of Penn's Civil Engineering Department. All Penn students, faculty and alumni are urged 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

MEMBERS IN THE NEWS

Stone Joins Temple Faculty

Dr. Robert J. Stone, active Phila. Section member, has joined the faculty of the Temple University College of Engineering Technology, it has been announced by Dr. John L. Rumpf, Dean. Dr. Stone was formerly Assistant Professor of Civil Engineering at Drexel University. Jim's new post at Temple, which he assumed on September 1, 1974, is Associate Professor of Engineering Technology, Director of the Construction Management Option in the Civil Engineering Department.

The Membership of the Phila. Section extends to Jim Stone its best wishes for success in his new position.

Caccese Engineers' Week Chairman

Lewis Caccese, Chief of the Construction-Operations Division, Philadelphia District, Corps of Engineers, and prominent Phila. Section ASCE member, has been named General Chairman for the 1975 Engineers' Week observances in Delaware Valley.

Caccese was honored in 1974 as Engineer of the Year by the more than 50 technical and professional societies in Delaware Valley. He also was named Pennsylvania Engineer of the Year by the Pennsylvania Society of Professional Engineers.

His appointment as general chairman was announced by Celestino (Chuck) R. Penmoni, President of the Philadelphia Chapter, PSPE. Penmoni, who heads Penmoni Associates, Inc. is past-Secretary of the Phila. Section.

The 1975 observance will be held February 16-22 in conjunction with National Engineers' Week, which will focus attention on national efforts to find new energy sources.

(continued on page 6)

OCTOBER MEETING

October 8, 1974 — Engineers' Club

Editor's Note: Our thanks to William J. Parante for his assistance in authoring this article. Bill is the new Associate Member Forum News Editor of THE NEWS.

The Philadelphia Section, ASCE, opened its promising 1974-1975 season with a splendid meeting. The well-known and excellent principal speaker was Joseph M. Axelrod, Deputy Director of Public Works, City of Baltimore. The timely and formidable subject was: "Corruption In Public Office And Its Effects On The Engineering Profession." The meeting was sponsored and arranged by the Section's Associate Member Forum. Joseph A. Thompson, AMF President, was the competent and congenial Program Host.

Mr. Axelrod has a broad and impressive background of professional administrative experience in public works, city planning and engineering, State highway development and private practice. This combined with the wit and charm of his polished lecturing style produced poignantly effective and pungent philosophical, moralistic and pedagogic judgments on the responsibilities of engineers and their professional societies to stand off against the ever-present ogre of temptations to accommodate special privilege. He cited recorded major Maryland corruption scandals, not hesitating to name high-positioned individuals and organizations involved, including former Governor and Vice President Spiro Agnew.

Mr. Axelrod commented with disapprobation on campaign contribution solicitation tactics, and the ramifications of "buying" consulting engineering contracts, especially by large firms. He related specific incidents where he was personally approached with unethical and illegal offers and rewards, in return for favors and influence. He made it eminently clear to those involved that he did not operate in this manner. Although these corrupt practices are engaged in by a very small minority, they create the abrasive image of negativism of the profession which is usually seized upon and exploited mercilessly by the press and broadcasting media.

It is the fear of intimidation, said our speaker, that often is a barrier to engineering societies to protest appointments of unqualified individuals to prominent and strategic administrative and technical positions in public works departments. He also politely took to task the societies for their passivity,

apathy and inertia in controversial government policies and legislation. The current turbulence about bidding for professional services in federal contracts, and regressive State Registration Board regulations are cases in point. It behooves engineers and their representative groups to strive vigorously to reestablish the historical responsibility, dignity and propriety of the profession; and thus eliminate the evil influences wrought by unprincipled practitioners.

"We Are All to Blame"

All of us share some guilt, admonished Mr. Axelrod. Where do we draw the line and when will we restore our proper image and honor? "Let us not sign any more consent decrees," he declared.

In a vigorous question and answer period, the audience fired straightforward queries and commentary. Mr. Axelrod's responses were forthright and unrestrained. It was a healthy dialogue between an honorable public servant who, in his decades of administrative trust and performance of duty, has resisted corruptive overtures by dishonorable men—and an attentive audience sincerely seeking answers to a disturbing dilemma which they face and which threatens to engulf their historically honorable and reputable profession unless the malignancy of corruption is soon arrested.

Alfred O. Quinn, in his auspicious and impressive debut as the 1974-1975 President of the Philadelphia Section, presided at the meeting, and he presented our distinguished speaker the Section's Certificate of Appreciation for his outstanding address.

DUES RETURNS ARE GOOD:

Thank You!

The Philadelphia Section, through Treasurer Theodore Davis, sincerely thanks the Membership for their prompt response in this year's dues payments. This is encouraging because it ensures the continuation and broadening of the ambitious professional activities and services so vital to the Section's progress.

Special appreciation and thanks are extended by Ted Davis and all the Officers and Board of Directors to those members who contributed to the Voluntary Loyalty Fund in addition to their regular Section dues. Their generosity will further strengthen the Section's ability to cope with the ever-escalating operational expenses.

PARANTE JOINS THE NEWS

THE NEWS is pleased to welcome to its staff William J. Parante as Associate Member Forum News Editor. He succeeds Richard E. Daniels, who contributed so admirably to the success of the column since its inception in 1972.

Bill Parante is a 1971 B.S.C.E. graduate of Rutgers University and attained his M.S. in Civil Engineering at Drexel University in 1973. He is Assistant Project Engineer at Gannett, Fleming, Corddry and Carpenter, Inc., King of Prussia. In addition to ASCE, he is a member of NSPE and is an active member of the Professional Engineers in Private Practice (P.E.P.P.) committee of that Society.

The AMF News column was established to spotlight the activities of ASCE Student Chapters in area colleges, and to convey Civil Engineering information and news of particular interest to our younger members.

THE NEWS and the Philadelphia Section looks forward to progressive writing by Bill Parante in his new post.

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**COPY DEADLINE FOR
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NOVEMBER 22, 1974**

JACK McCALL: A PILLAR OF PROFESSIONAL VITALITY



One would be hard put to find a single major function of the American Society of Civil Engineers in which John E. McCall did not participate and contribute his talents. At the Local Section level his highest posts have

been President of the Philadelphia Section (1970-1971), and President of the Trenton Branch (now the Central Jersey Branch of the New Jersey Section) (1963-1964). Nationally, as of last month he has completed a distinguished three-year term as National Director, District 4, representing the Philadelphia, Lehigh Valley, Central Pennsylvania and Pittsburgh Sections. All through these periods, and for a total of over 33 years, Jack has served with the U.S. Geological Survey, where he is presently New Jersey District Chief at Trenton.

If one did not know Jack McCall, it would be incredible that one individual could devote so much of his valuable private time to a professional cause. Civil Engineering in general, and ASCE in particular, have been a veritable integral part of his being throughout his professional life.

The Philadelphia Section has been a unique beneficiary of Jack McCall's gifts of leadership and dynamic abilities, a list too voluminous to record in this short space. We salute him for his devotion and service. We hope and expect, now that his District 4 Directorship tenure is completed and until he is delegated to yet higher National ASCE office, Philadelphia and Central Jersey will get more of his close attention.

Bravissimo!! Jack McCall.

Life Members Billed in Error

Because of a clerical slip-up at New York Headquarters of ASCE, who are assisting us in the preparation and mailing of bills, Life Members were mistakenly sent Section dues bills. Some mailed in their checks even though they are, of course, exempt from all dues payments. All Life Members who did so are entitled to a refund. If you desire it, please call Treasurer Theodore Davis, c/o Rothbaum & Davis, 215 S. Broad Street, Phila. 19107 — Phone: PE 5 - 6498.

ASSOCIATE MEMBER FORUM

Registration News

Written examinations for registration as professional engineers will be given on January 18 and June 21, 1975, at Drexel University in Philadelphia. Graduates of approved institutions who have attained the age of 25, possess a valid Engineer - in - Training certificate, and have compiled four years of appropriate experience may apply to take the examination. For those interested in taking the Engineer - in - Training examination, it will be given on January 17 and June 20. Applications and additional information may be obtained from: Louise J. Franklin, Secretary, State Registration Board for Professional Engineers, Box 2649, Harrisburg, Pa. 17120.

Joint Meeting at Villanova

On Thursday, November 7, 1974 at 7:30 P.M., the Associate Member Forum will hold a joint meeting with the Villanova Student Chapter on the Villanova campus. The speaker will be G. Joseph Hudert, Vice-President of J. E. Greiner Co. of Baltimore, Md. He will speak on the design and construction of the Chesapeake Bay Bridge-Tunnel. Associate Members in the area are encouraged to attend.

Associate Member Briefs

In keeping with past policy, we will again present brief profiles of Associate Members in the Philadelphia Section.

We would like to welcome **Charles R. Wiercinski, P.E.**, to the Philadelphia area. Charlie, a project engineer with the consulting firm of Gannett, Fleming, Corrdry and Carpenter has recently transferred from that firm's Harrisburg office to its King of Prussia location. He is a 1968 graduate of Newark College of Engineering and is presently pursuing a Master's degree at Villanova University on a part-time basis.

We would like to congratulate **A. John Mazella, P.E.**, an active associate member, for passing the Pennsylvania Bar exam. John is a 1968 graduate of Drexel University in Civil Engineering and a 1973 graduate of Temple University Law School.

Also, congratulations go out to **Albert P. Burg**, a structural engineer with United Engineers and Constructors, Inc. Al married the former Ellen Gottlieb of Long Beach, Long Island in August. Al and Ellen are both graduates of Drexel University. Al also received his Master's degree there while Ellen is pursuing hers in consumer economics at Cornell University.

News Items Wanted

News and informational items of par-

ticular interest to Associate Members will be presented in this column. Associate Members in the Delaware Valley area are encouraged to contribute. News items can be sent to: William J. Parante, Gannett, Fleming, Corrdry and Carpenter, Inc., Box 368, 651 Allendale Road, King of Prussia, Pa. 19406

Attention: STUDENT CHAPTERS Officers and Advisors

Beginning at 1:00 P.M. on Tuesday, November 12, 1974, (the date of the Section's November meeting) The Student Chapter officers and advisors of the seven schools offering Civil Engineering in the Philadelphia area will have a meeting at the Engineers' Club, 1317 Spruce St., to discuss Chapter activities and programs which are planned and/or ongoing for this academic year. The meeting is being arranged by Dr. Robert Lynch who is a Director of the Philadelphia Section ASCE and chairman of the Student Chapters Committee. In addition to focusing attention on current activities and familiarization of the various Student Chapter groups, discussion will be had regarding the 1976 National ASCE convention to be held in Philadelphia and what plans should be made regarding Student Chapters at this particular meeting. For more information and details of the meeting please contact Dr. Lynch at Villanova University, 527-2100, ext. 792.

White House Fellowships

ASCE has been asked to cooperate with the President's Commission on White House Fellows by encouraging younger members of ASCE to apply for the twenty available White House Fellowships for the 1975-76 year.

White House Fellows may be eligible to receive a government salary of up to \$30,147.00 for the year. Those interested are urged to write for applications immediately, as the **deadline for submitting applications is Dec. 2, 1974.**

General requirements are as follows:

1. Applicants must be citizens of the United States who will be 23 years old but not 36 years by September 1, 1975.
2. No employee of the Executive Branch of the Federal Government are eligible for the program except career military personnel of the Armed Services.

Further information may be obtained by writing or calling the President's Commission on White House Fellows, Washington, D.C. 20415—(202) 382-4661

BICENTENNIAL PAPERS REQUESTED

(The following important article was prepared by the Section's Bicentennial Committee Chairman and Vice President, Dr. Robert M. Koerner.)

In connection with its Bicentennial Program, the Philadelphia Section ASCE is requesting separate papers on each of the subjects of:

1. "Structural Engineering in Philadelphia: Past - Present - Future"
2. "Construction Engineering in Philadelphia: Past - Present - Future"
3. "Geotechnical Engineering in Philadelphia: Past - Present - Future"
4. "Transportation and Urban Planning in Philadelphia: Past - Present - Future"
5. "Hydraulics and Sanitary Engineering in Philadelphia: Past - Present - Future"
6. "Surveying and Mapping in Philadelphia: Past - Present - Future"

The due date for the papers is on or before April 1, 1975. Please submit your paper (or papers) to the appropriate Papers Chairman at the address given below. Certificates will be awarded to the outstanding entries. All papers will become the property of the Philadelphia Section ASCE which has the ultimate goal of producing a document on "Civil Engineering in Philadelphia: Past - Present - Future". Appropriate credit will be given to authors in any and all subsequent publications.

Please note that each of the Section's six Technical Groups (Structural, Geotechnical, Construction, Hydraulics and Sanitary, Transportation and Urban Planning, Surveying and Mapping) is sponsoring a similar program.

The suggested, but not required, format for the paper is as follows:

- Introduction (topic identification, overview, paper layout, etc.)
- Past history (chronologic build-up of the successes and failures in this area; area can be subcategorized).
- Present Status (recent and ongoing projects in this area, comparison of state-of-the-art here and elsewhere).
- Future Potential (short term and long term possibilities of this technical area in Philadelphia; use your crystal ball here).
- Summary and Conclusions.
- References

1. **Structural Technical Group**
Dr. Frederic Roll, Papers Chairman

Towne School of Civil & Mechanical Engineering
University of Pennsylvania
Philadelphia, Pennsylvania 19104

2. **Construction Technical Group**
Dr. Robert J. Stone, Chairman
College of Engineering Technology
Temple University
Broad Street and Columbia Avenue
Philadelphia, Pennsylvania 19122
3. **Geotechnical Technical Group**
Mr. Alfred McClymont, Papers Chairman
Geotech, Inc.
6705 Park Avenue
Pennsauken, New Jersey 08109
4. **Transportation and Urban Planning Technical Group**
Mr. Daniel B. Wessells, Papers Chairman
Louis T. Klauder & Associates
2100 Philadelphia National Bank Building
Philadelphia, Pennsylvania 19107
5. **Hydraulics and Sanitary Technical Group**
Mr. Allen F. Hess, Papers Chairman
Water Department
3110 W. Queen Lane
Philadelphia, Pennsylvania 19131
6. **Surveying and Mapping Ad Hoc Technical Group**
Mr. Joseph A. Thompson
Pennsylvania Department of Transportation
200 Radnor-Chester Road
St. Davids, Pennsylvania 19087

WOMEN'S AUXILIARY

October Meeting Features Courtroom Visit

The October 16, 1974 meeting of the Women's Auxiliary was highlighted—after lunch at the Engineers' Club—by a visit to the City Hall courtroom of the Hon. Lisa A. Richette, Judge of the Court of Common Pleas. Actual trials in progress were observed. Judge Richette was the distinguished guest at the Auxiliary's April 17, 1974 Luncheon-Meeting, and personally extended the invitation to the group at that time.

The next regular monthly Luncheon-Meeting will be held at the Engineers' Club on **Wednesday, November 20, 1974**—12:00 noon. The profound and contemplative subject of discussion will be: "Transcendental Meditation—Reducing Stress and Enhancing Creativity." Surely, you won't want to miss this one. All Women's Auxiliary members are urged to attend the monthly meetings and to bring their friends. If you haven't yet joined, please do so as soon as possible.

Villanova Student Chapter News

The Villanova University chapter has begun another year with a full program of meetings, social activities and special projects.

On Thursday, October 10th, the chapter held its first meeting for the general membership. The speaker was Stewart Taylor, Director of Transportation Systems for Sanders and Thomas Engineers in Pottstown. Before an audience of 50 students and faculty members, Mr. Taylor spoke and answered questions on the Northeast Corridor High Speed Rail Line which will run between Washington D.C. and Boston.

Other activities that have been held thus far include a welcoming back T.G. and a football game against Villanova's ASME Student Chapter.

November Joint Meeting

Upcoming events being sponsored by the Villanova Chapter include the following. On Thursday, November 7th, the Villanova ASCE Student Chapter and Associate Member Forum will hold a joint meeting in room 202 of John Barry Hall at Villanova. The speaker will be **G. Joseph Hudert**, Vice-President for Griener Engineering Sciences in Baltimore. His talk will focus on the **Chesapeake Bay Bridge Project**.

Later in November, on Tuesday the 19th, two recent Villanova graduates, Gene Gallagher '73 and Dave Gensemer '74 from Ebasco Services in New York City, will show a film on the Ludington Pumped Storage Project on Lake Michigan.

December Meeting

Our December 5th meeting will feature Richard H. Hendricks, Design Engineer for the DuPont Company in Newark, Delaware. He will speak on the work being done by a Delaware Society of Professional Engineers' committee studying the Delaware Coastal Zoning Act of which he is chairman. Both of these meetings will be held in room 204 of John Barry Hall.

All of these meetings begin at 7:30 P.M. and are open to anyone interested (continued on page 5)

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Villanova Student Chapter News (continued from page 4)

in coming. Refreshments are served following every meeting.

In mid-November, members of the Villanova Chapter will travel to the DuPont Company's engineering facilities in Newark, Delaware. Highlights of the trip will include tours of the main engineering building and a nearby construction site.

Annual Football Rivalry

On Saturday, November 16th, Villanova will play the Drexel University Student Chapter in the second annual Villanova Drexel ASCE football game. In addition to the game there will be an outing for ASCE and faculty members of both schools. All of this will take place at the Drexel University Lodge in Newtown Square.

SPECIFICATIONS COURSE OFFERED

The Specification Writers School, affiliated with the Philadelphia Chapter of the Construction Specifications Institute (C.S.I.), announces a basic course in specifications writing and legal contract documents, to be held in the Fall, 1974 through Spring, 1975. By means of a series of lectures, the course deals with searches for source material, "Specification English" and simplicity in writing, examines specification types, current advanced methods of information retrieval, and reproduction by computer and other high-speed methods.

The instructors will be professional members of the local C.S.I., experts in the specialized subjects covered in the course.

PLACE — The Charles Morris Price School, 1319 Locust Street, Phila.

DATES — 16 Sessions, starting November 6, 1974, continuing first and third Wednesdays to May 21, 1975.

TIME — 5:40 to 8:45 P.M.

For applications and full details, contact Robert A. Zentmeyer, C.S.I. Registrar, c/o Armstrong Cork Co., Executive Mall, No. 6, 676 Swedesford Rd., Wayne, Pa. 19087; Phone 687-3020.



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THE SQUARE DANCE: A DELIGHTFUL SOCIAL

To the uninitiated (including your Editor), Friday evening, October 18, 1974 at the Philadelphia Section's Annual Fall Social at the Engineers' Club was a unique and memorable experience. As has been customary since its organization in 1957, the Social was sponsored and arranged by the Women's Auxiliary. As usual, it was enjoyable and well-planned; and it was distinctly different from any other. In past years the Fall Social featured "Fun and Games Night", "A Night at the Races" and the like. Authentic square dancing highlighted this year's event, and all the attendees joined in the "dos-a-dos" and "spin-your-partners" with gusto and relish (and a huff-puff or two for the unconditioned in the crowd).

Spinning and promenading to the music and instructions of professional caller Vernon Wersler, the Section members and their wives and guests—casually attired in country-style dress—spent a happy evening of good-fellowship, beef 'n beer, goodies and coffee; and shared in winning the many valuable prizes available.

Auxiliary President Audrey (Mrs. Will M.) Heiser, Social Committee Chairman Gloria (Mrs. Robert E.) Chester, and their many able assistants are to be commended for a splendid happening.

CLUB OPEN THANKSGIVING DAY

The Engineers' Club will be open on Thanksgiving Day, Thursday, November 28, 1974. All Phila. Section members and their families—whether members of the Club or not—are invited to use its facilities and enjoy Thanksgiving dinner at the Club. Service will be on a cash basis. Engineers' Club members, of course, may use their credit privileges as usual.

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TECHNICAL GROUP ACTIVITIES

Hydraulics and Sanitary Group

November Joint Meeting

Date: November 19, 1974 - 8:00 P.M.

Cocktails: 6:00 P.M. - Dinner: 7:00 P.M.

Place: **Hilton Hotel**, newly constructed at Naamans Road and I-95

Speaker: **Colonel Sam Newsom**, Deputy District Engineer, Philadelphia District Corps of Engineers

Subject: "Tocks Island Dam"

This is a joint meeting with the Delaware Section, ASCE

October 3rd Meeting Highlights

On October 3, 1974 the Sanitary and Hydraulics Group held their first meeting at the Philadelphia Water Department's Southeast Water Pollution Control facility, Mike Nelson, Program Host.

Dinner was followed by a plant inspection of 100,000 gallons per day Biosurf Pilot Plant which has been operating at Southeast for the last six months.

Inspection was followed by a technical presentation by William Marrazzo, Program Speaker.

Structural Group

November Luncheon Meeting

Date: Tuesday, November 26, 1974 —

12:00 Noon, Engineers' Club

Speaker: **Eugene P. Holland**, President, Wiesinger - Holland Ltd., Chicago, Ill.

Subject: "Innovations in Reinforced Concrete Flat Plate Design and Construction"

Mr. Holland's presentation will describe newly-devised design methods used in the construction of the new Holiday Inn at 36th and Chestnut Sts., Philadelphia and other similar structures. The talk will describe the use of 5" flat plate floors with novel slab reinforcing patterns, and supported on randomly-placed columns. The columns may be pipe columns to which gravity loads are transferred by means of in-slab channel-plate shear heads. Lateral loads are supported by exterior masonry walls or "scattered braced panels."

Program Host: **Dr. Frederic Roll**

(Note: For luncheon reservations please call Dr. Roll at 594-8347)

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NEW JERSEY SECTION, ASCE
 Central and South Jersey Branches
 (Formerly Trenton Branch)

Joint November Meeting

Date: **Tuesday, November 19, 1974**

Fellowship:6:30 p.m.

Dinner:7:00 p.m.

Meeting:8:00 p.m.

Location: Holiday Inn, Route 73 & N.J.
 Turnpike, Moorestown, New Jersey

Speaker: **Donald J. Kroeck**, President-Elect of The New Jersey Section
 Subject: "A State's Entry Into The Water Supply Business"

All Central and South Jersey Branch members, their wives and guests, and Philadelphia Section members and wives are cordially invited to attend. It is hoped that all potential members of the South Jersey Branch will attend to give a good kick-off to the new Branch. Please get your reservations in by Friday, November 15, 1974 to **David B. Christian**, Secretary C.J. Branch, 146 W. Richardson Avenue, Langhorne, Pa. 19047. Phone (215) 757-7802 or to South Jersey Branch Organizing Committee, **Mr. Lewis Caccese**, Chairman, 907 Morgan Avenue, Palmyra, New Jersey 08065. Phone (609) 829-2237

**OUTSTANDING PROJECTS
 NOMINATIONS SOUGHT**

The Committee for 1975 Engineers' Week seeks nominations for the most outstanding engineering achievements in Delaware Valley. Lewis Caccese, general chairman, has announced.

Projects selected from the nominations will receive special recognition during the observance of Engineers' Week in Delaware Valley next February.

Companies, professional and technical societies and individuals may offer nominations to the committee. The nominations should include a brief description of the project by the firm or individual, its completion date and the name and address of the person with authenticating information.

The deadline for filing nominations is **November 15, 1974**. The nominations should be sent to James A. Drobile, Chairman, Subcommittee on Outstanding Engineering Achievements, 1975 Engineers' Week, 1317 Spruce Street, Philadelphia, Pa. 19107.

The date of the achievement is not too significant and nominations are not restricted to any one field. The project should bear relationship to Delaware Valley either by location or origin, and should have contributed to progress in the things we need for a better life.

The 1974 outstanding engineering

achievement awards were made to Philadelphia Electric Co. for development of SAMAC (for System Automatic Monitor and Control), Boeing Vertol Co. for design and manufacture of a standard light rail street and subway car to facilitate urban transportation, and Robert G. Werden & Associates, Jenkintown, for design of an air source heat pump which heats and cools buildings simultaneously.

MEMBERS IN THE NEWS

(continued from page 1)

Sam Hudson Re-elected

Samuel T. Hudson, well-known Philadelphia Section member and 1971 Engineer of the Year in Delaware Valley, has been re-elected as President of the Delaware Valley Council. The Council is a non-profit civic organization founded in 1955 and established to help plan and develop a 15 county area in Pennsylvania, New Jersey and Delaware.

Mr. Hudson is Board Chairman and President of J. E. Brenneman Co., Contracting Engineers.

Bob Fisher Promoted

Hudson Engineers Inc. has announced the election of **Robert J. Fisher, P.E.** as Vice President.

Mr. Fisher, a registered professional engineer and prominent member of the Phila. Section, joined Hudson in 1968 as Chief Engineer and Contracts Manager. Prior to this, Mr. Fisher was with the Reading Company for some 22 years. His position upon termination was that of Assistant Chief Engineer.

Offering a wide range of design, engineering and construction management services, Hudson Engineers, Inc. is particularly active in the marine, port development and petroleum handling fields including material distribution and storage facilities.

Editors Note: Hudson is also a favorite advertiser in THE NEWS.

TRANSPORTATION CONFERENCE
"CALL FOR PAPERS"

The Third Intersociety Conference on Transportation will meet in Atlanta, Georgia, **July 14-18, 1975**, at the Hyatt Regency Hotel. The focus of the program will be on multi-disciplinary integration of multiple modes of transportation. The theme is "Interfacing Transportation Modes for Better Collection and Distribution."

The role transportation serves is so intertwined with urban growth and change that one should not address transportation without addressing the social structure and urban form that transportation serves. Interface relationships in the process of collection, distribution and line-haul require the full consideration of the transportation industry. Both people and goods movement are essential services.

The tentative categories of technical content are:

- * Community Transportation and Land Use Planning Techniques
- * Problems of the Cities and Requirements for Services
- * Demand, Service Quality and Cost-Benefit Rationale
- * State of the Art Overviews in Line-Haul Systems
- * Inter-Urban/Intra-Urban Strategy Options
- * Terminal and Transfer Interface Important to the Line Haul System
- * System Design Related to Transfer Terminals (air-surface, surface-surface, water-surface)
- * Terminal Operations: Command and Control
- * Financing and Investment Approaches

Candidate papers will be selected based on abstracts which clearly outline the content of the paper and identify its timeliness. Abstracts must be of the **informative** type; they should give a synopsis of the purpose, method, most important results, and conclusions of the paper in as much detail as possible within length constraints. Final allocation, including identification of the role of the paper in the program will be based on review of the draft paper. All papers accepted for either the formal program or the "Paper Fair" must conform to the procedures for publishing

Deadline date for submittal of abstracts is January 1, 1975.

Send Abstracts to:

Lawrence P. Greene (General Conference Chairman), Assistant for Aeronautical R & D, Office of the Secretary (TST-7), Dept. of Transportation, 400 7th St., S.W., Washington, D.C. 20590

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