

the news

PHILADELPHIA SECTION



AMERICAN SOCIETY OF CIVIL ENGINEERS

VOL. 47 - No. 3

Our 62nd Year

December, 1974

DECEMBER MEETING

Philadelphia Section, American Society of Civil Engineers
Sponsored jointly by the Structural and Construction Groups

TUESDAY, DECEMBER 10, 1974

Engineers' Club, 1317 Spruce Street, Philadelphia

Cocktails — 5:30

Dinner — 6:30

Meeting — 7:30

SUBJECT:

PLANNING, DESIGN AND CONSTRUCTION OF THE DALLAS-FORT WORTH AIRPORT

SPEAKER:

RAYMOND J. HODGE, P.E., Partner, Tippetts - Abbet - McCarthy - Stratton, Engineers and Architects, Washington, D.C.

PROGRAM HOST:

DR. FREDERIC ROLL, Chairman, Structural Group

Mr. Hodge's talk will review the plan parameters for the site location and Master Plan of the Dallas-Fort Worth Airport. It will also deal with the design genesis and development, and the construction management which made possible completion of this mammoth facility — on a "fast track" schedule utilizing approx. eighty construction contractors — within a record of five years. Total cost of the project was \$800 million. The presentation will include color slides.



Raymond J. Hodge has been a Partner of the firm of Tippetts - Abbet - McCarthy - Stratton, Engineers and Architects (TAMS) since 1968.

A native New Yorker, Mr. Hodge received his Bachelor of Civil Engineering Degree from Manhattan College and his Masters Degree in Civil Engineering from Cornell University. Between 1948 and 1951 he was Assistant Professor of Civil Engineering at Cornell University and concurrently a Research Associate of the Operations Research Office at John Hopkins University.

SPECIAL FEATURE:

"Villanova University Night" —

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

UNIV. of PA. OUTSTANDING STUDENT CHAPTER

On recommendation by a special Committee, the Philadelphia Section's Board of Directors has named the University of Pennsylvania the winner of the Second Annual Outstanding ASCE Student Chapter Award. The commendation was presented to the Student Chapter by President A. O. Quinn and Vice President Will M. Heiser at the November 12th Section meeting, which coincidentally feted "University of Pennsylvania Night," in its rotating program of highlighting the Civil Engineering Departments of area colleges. Also, at the November 12th meeting, ASCE Executive Director Eugene Zwoyer presented to Penn's Student Chapter, National ASCE's Certificate of Commendation. (See article: NOVEMBER MEETING elsewhere in this issue; and the October, 1974 issue of THE NEWS).

The Outstanding Student Chapter Award was established in 1972 (see THE NEWS, October, 1972) to honor the Student Chapter deemed by a committee of judges to have exerted the most commendable efforts and to have achieved the most meritorious programs. The commendation usually carries with it an appropriate cash award to help defray ASCE-activity related expenses. The ASCE Student Chapters of the six Delaware Valley area colleges are eligible: University of Pennsylvania, Princeton University, Villanova University, Swarthmore College, Widener College, and Drexel University.

Judging was based on an evaluation of letters submitted by the Faculty Advisors, outlining the activities and achievements of their respective Student Chapters. In his letter of submittal, Penn's Faculty Advisor, Prof. John D.

(Continued on page 4)

Free Beer and Refreshments at the Meeting

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

THE PRESIDENT'S MESSAGE

Greetings and Best Wishes for the Holiday Season!

This is the time of year when we traditionally review the events of the past twelve months and make plans for the New Year. We view with great concern many of the happenings of 1974; however, I am certain that we have learned to capitalize on our mistakes and shortcomings and to chart a strong course for the coming year.

Our Section has had a good year. Our Committees have worked diligently in providing us with enjoyable and informative technical programs; our service activities to others have increased; our membership has risen and our awareness to local, State and Federal problems affecting engineers has been aroused. We have the basis for a positive outlook for 1975.

During this Holiday Season, may we pause in our daily activities individually to recount our blessings received during the year and join in the joyful renewal of our faith for the year ahead!

Sincerely,

A. O. QUINN, P.E.
President

(P. S. The editor and staff of THE NEWS join President Quinn in extending to the Section Membership and their families Best Wishes for a Happy and Healthy Holiday season).

NOVEMBER MEETING

Focus on Transportation

Editor's Note:

Our thanks again to Associate Member Forum News Editor Bill Parente for co-authoring the following write-up.

It was standing room only as an overflow crowd of 200 members and guests enjoyed an impressive meeting of the Philadelphia Section on November 12, 1974 at the Engineers' Club. Sponsored and arranged by the Transportation and Urban Development Group, under the industrious chairmanship of Daniel Wessels, who was our capable Program Host for the evening, the subject was: "Transit — Moving People in the Next Decade." Principle speaker was **B. R. Stokes**, Executive Director of the American Public Transport Association, Washington, D.C. Special guest was **Dr. Eugene Zwoyer**, National ASCE Secretary and Executive Director.

Univ. of Pa. Honored

The meeting featured "University of Pennsylvania Night" and the ASCE Student Chapter received multiple honors. It won the Phila. Section award as the Outstanding Student Chapter of the Year (see feature article elsewhere in this issue of THE NEWS); and in a personal presentation by Dr. Zwoyer — National ASCE's Certificate of Commendation . . . "for excellence and meritorious conduct of its affairs." In acknowledgment, Dr. Frederic Roll — for many years the Chapter's Faculty Advisor — complimented the present and past officers and members for their achievements. Dr. John D. Keenan, who succeeded Dr. Roll as F. A. this year,

also acknowledged the award, and introduced alumni, students and faculty who were present. The University's Department of Civil and Urban Engineering contingent in attendance was large — over 50 individuals.

Dr. Sidney Shore, Chairman of the Department, sketched current curricular changes, innovations and emphases. He reviewed some exciting technological research of the past year.

Dr. Zwoyer Attends All Day

It was a busy day for our distinguished guest from National. In addition to dinner and the main Section meeting in the evening, Dr. Zwoyer attended early in the afternoon a special meeting of the Student Chapter Faculty Advisors of area colleges under Philadelphia Section jurisdiction; and also the Section's Board of Directors meeting.

Dr. Zwoyer reviewed National ASCE Board of Direction programs and activities of interest to all Local Sections, some of the major elements of which included: consideration of ethical conduct cases, particularly in the light of recent scandals involving some Consulting Engineers in nearby States and communities; ASCE sponsorship of new continuing education courses and services, including land use planning, wind design of structures, analyses of disasters, and many other prominent study categories; conducting legislative conferences and investigations, with particular attention to State Registration Board practices, competitive bidding Congressional directions; and land use laws, current and pending.

Dr. Zwoyer extended special tributes to **John E. McCall**, Section Past-Presi-

dent who recently completed an outstanding three-year term as National ASCE Director, District 4 (see THE NEWS, November, 1974); and to **Dr. Ivan M. Viest**, our distinguished National Vice President, Zone 1.

Dr. Zwoyer spoke optimistically of the Philadelphia Section hosting the ASCE Annual Convention in the 1976 Bicentennial year — and he credited General Chairman **James W. McPhillips** for his organizational genius in setting up the planning mechanisms for the important convention. He also explained changes in procedures for nominating and electing National ASCE officers.

Noted Officials Present

Before presenting the principal speaker, Program Host Dan Wessels introduced several renowned transportation officials in the audience. Among them were representatives of SEPTA, Delaware Valley Regional Planning Commission, Phila. Departments of Streets and Public Property, The Port of New York Authority, The Delaware River Port Authority of Pa. and N.J., and The Port Authority Transit Corp. (PATCO), the latter's subsidiary which built and

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operates the Phila. - Lindenwold Rapid Transit Line.

Mr. Stokes Counsels Students

Mr. Stokes is a well-known authority on public transportation, and he has participated in its development in principal cities of the U.S. He began by emphasizing the fact that in the next twenty years there will be a need for "new blood" and new talents in the public transportation field, and he strongly advocates that students should develop and retain a consciousness of the real need to pursue careers in the growing field of transit.

He reviewed the objectives and directions of APTA, formed with headquarters in Washington, in October of this year, from the amalgamation of the American Transit Association and the Institute for Rapid Transit. He sees this alliance as a signal for a new era for American transportation. The need for the betterment of urban and rural communities has never been greater than it is right now; nor has the call for enlightened leadership. That leadership and purpose is the *raison d'être* for the American Public Transit Association (APTA). Through legislative activism, federal and private support of its goals, and cooperation among industry, local, State and national government commissions and regulatory agencies, it is attacking the problems of pollution, urban decay, and the restraint and deprivation of urban growth by the evolution of mass transit.

Mr. Stokes noted that since World War II, \$230 billion has been spent on highways and left in the wake were depreciated, decrepit transit systems in the cities. There is now an obvious need for a "Public Transit Trust Fund" similar to that which exist for highways.

APTA is engaged in studying technological needs, intensive testing and efficiency studies to evaluate and improve the physical comforts, attractiveness and psychological desirability of public transit vehicles — in order to compete with America's love affair with the automobile. It is this latter phenomenon, which could lead to vehicle suffocation in our cities, that has inspired APTA's particular attention on motor transportation such as buses. Demonstration projects, through APTA initiatives, to derive short and long-range alternatives and solutions via bus and fixed-rail mass transit media, have been started in many urban areas. For example TRANSBUS, a prototype bus which was recently introduced in Miami, offer the rider safety and comfort while decreasing both air and noise pollution. After a

trial period in actual metropolitan service, opinions will be solicited and future experiments will be conducted in New York City, Kansas City and Seattle. Exclusive busways, preferential treatment to high-occupancy vehicles and bus feeder routes are among the many partial solutions but it is Mr. Stokes' contention that rail transit can provide the long range solution. An active public relations program is also under way by APTA, in concert with other progressive organizations.

An "Effluent Society"

Our speaker demonstrated an aptitude for spontaneous wit: Professor Shore had previously referred to research experiments at Penn on moving people through large pipelines. In a wry, tongue-in-cheek observation, Mr. Stokes said "... we would indeed appear to be a future effluent society!"

Legislation Status

Mr. Stokes summarized the status of Congressional hearings on pending legislation on capital grants and other funding machinery for public transit systems in major cities, particularly in Pennsylvania. Currently in Congress there is a bill regarding a distribution formula for all areas of the country of \$11.8 billion in public transit funds. This bill has strong backing by President Ford, APTA, the National League of Cities, Association of State Governors, the AFL-CIO and other influential organizations.

Several pointed and specific questions reflected the sophistication of the many experts in the audience on the profound subject of urban mass transportation. Mr. Stokes did not waiver in his direct and knowledgeable answers. Nor does he shirk from his convictions: in response to a question regarding mono-rail systems, he said with typical witicism: "I think that mono-rail is the transportation panacea of the future — and always will be." He maintains his advocacy of the dual-rail electrical system. He described briefly mono-rail research and experimentation on the San Francisco Bay Area Rapid Transit System (BART), where he was Director prior to affiliating with APTA. The dual system prevailed after considerable careful analysis.

In his formal address and responses during the question-answer period, Mr. Stokes exhibited an extraordinary appreciation, sensitivity and evaluative sense of the sociological, cultural and humanistic implications of public transportation development — as well as the purely technical and economic aspects. It was a splendid presentation.

SECTION PROFILES



Dr. Frederic Roll is the fellow with the elegant beard, the dark, penetrating eyes, and the rich, basso voice which, unsurprisingly, has served him well, not only in his chosen profession, but also as an actor

in amateur theatricals both in England and Philadelphia. Fred is very active in this art, and even had a small role professionally in a play starring Van Johnson at the Playhouse in the Park.

Professor Roll is Chairman of the Philadelphia Section's Structural Group and he will be Program Host at the December 10th meeting, which has been arranged and sponsored by the Group. His ASCE activities have centered principally on matters relating to Student Chapters and young graduates. This is only natural, because he is Professor of Civil Engineering at the University of Pennsylvania. As Faculty Advisor of the U. of P.'s Student Chapter, he guided that group's establishment of the Annual Concrete Canoe Race on the Schuylkill River, which in only two short years has become an institution of wide renown among the colleges of the entire eastern seaboard and westward.

Typically — though he has received numerous honors and awards in his professional career, Dr. Roll reveres most the recent citation by the National ASCE Board of Direction of Penn's Student Chapter with its highest honor — the Certificate of Commendation. To no small degree, it was because of Fred Roll's dedication and direction that that fine group has attained its propitious stature.

Dr. Roll was born in New York City and received his B.S.C.E. at City College of New York. He earned his Master's Degree and Doctorate at Columbia University. He taught civil engineering courses full time at Columbia as a staff member, and conducted research on plain and reinforced concrete. He continued this work at the University of Pennsylvania, whose faculty he joined in 1957. As the recipient of a National Science Foundation Fellowship, Fred studied the techniques of structural model analysis; and conducted

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SECTION PROFILES

(Continued from page 3)

analytical and experimental research on box beams and beam-column joints in England and Portugal.

In addition to his affiliation with ASCE (he is a member of the Philadelphia Section's important Bi-centennial Committee in addition to being chairman of the Structural Technical Group), Dr. Roll is a member of the American Society of Engineering Education, the Prestressed Concrete Institute, and the American Concrete Institute, where he holds the honorary rank of Fellow. He is a former member of several other national technical societies. Fred is frequently engaged as a private consultant, primarily involving cast-in-place, and precast reinforced and prestressed concrete structures. He has authored and co-authored over thirty technical publications, and he has presented numerous papers and lectures at seminars, panel discussions and conventions in the United States, Canada and England.

Fred Roll is an enthusiastic traveller. His log — in addition to the countries previously mentioned includes: Scotland, France, Holland, Belgium, Germany, Italy, Spain, Greece, Turkey, Tunisia, Morocco, Madeira, the Canary Islands, and Mexico. His deep love for the cultural atmosphere naturally led him to Center City Philadelphia, where he resides with — in his words: "... my beautiful, patient wife, Christine ..." (Isn't patience an occupational disease of all professors' wives)? The Rolls are members of the Pennsylvania Ballet Guild.

The Philadelphia Section is proud and fortunate to have a man of such outstanding talents as Fred Roll on its roster. Hopefully we shall listen to his voice and heed his advice for many years to come.

AUXILIARY CO-HOSTS JANUARY MEETING

The Jan. 14, 1975 Phila. Section meeting will be a combined dinner-meeting with the Women's Auxiliary, and promises to be a memorable innovation. Principal speaker will be Mrs. Hibbard V. B. Kline, Director, the University of Pittsburgh. Co-hosting with Section President Al Quinn will be Auxiliary President Audrey (Mrs. Will M.) Heiser. Full details will appear in the January, 1975 issue of THE NEWS. But mark your calendars NOW — **Tuesday, January 14, 1975, at the Engineers' Club.**

MEMBERS IN THE NEWS

Nugent Appointed

Charles M. Nugent, former Director of the Philadelphia Section, has been appointed to two important Committee posts on the National ASCE Construction Division: the Committee on Contract Administration, and the Task Committee on Specifications.

Charlie is presently Director of Engineering of the Construction Industry Advancement Fund (CIAF), a progressive, New Jersey-based non-profit organization which strives to maintain lines of communication — through varied functions — among the heavy construction and highway construction industry, National and State government officials and agencies, and the public. It seeks firm liaison on environmental affairs, and conducts numerous programs on education, including scholarship grants in two-year CET courses. It is also involved in construction safety regulations, and participates in joint seminars and meetings with technical and professional societies on all phases of engineering design and construction, and legal problems.

Mr. Nugent continues service on the Philadelphia Section's Committee on Employment Conditions, and he was a principal author, with Chairman **Joseph P. Welsh** of that group's superb "Report on Salary, Fringe Benefit and Opinion Questionnaire," published in March, 1972. He is also Chairman of the New Jersey Society of Professional Engineers' Task Force II, a committee studying a requirement for continuing education to maintain registration. Mr. Nugent welcomes inquiries and opinions on this important issue. He may be reached at: Construction Industry Advancement Fund, P.O. Box 327 — Route 31, Pennington, N.J. 08534; — (609) 737-0440

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appointment of **Edgar H. Hendler** as Director of the firm's Architectural and Building Services Division.

A graduate of Penn (B.S.C.E.) and holder of a M.S., in Civil Engineering from Columbia University, Mr. Hendler is a Registered Professional Engineer in eight states. In addition to A.S.C.E., he is a member of P.S.P.E., S.A.M.E., A.C.I. and the Engineers' Club.

Hirsch Research Center Official

Ralph B. Hirsch has been named Executive Director of the Bicycle and Pedestrian Transportation Research Center. The center will conduct research, collect appropriate reference materials from all parts of the world and serve as a clearinghouse for such information, provide technical assistance to other organizations, and to work with them in the development of plans and programs to foster the safe and enjoyable use of the bicycling and pedestrian modes of travel. Its services are available to public and private organizations.

Mr. Hirsch is a former staff member of the Philadelphia City Planning Commission and Assistant Professor of Civil Engineering at Drexel University. He will remain on Drexel's faculty in an adjunct position.

WHO'S WHO AVAILABLE

Jozsef L. deKovacs, Executive Manager of the Engineers' Club informs us that extra copies of the "1974-1975 Who's Who in Engineering in the Delaware Valley" book is available for purchase at the Club. The special price for ASCE members is \$3.00 (regular price \$7.00).

UNIV. of PA.

(Continued from page 1)

Keenan, who recently succeeded Prof. Frederic Roll in the post, credits the latter's guidance of the Chapter the past several years for their noteworthy progress, growth and accomplishments. Dr. Roll also submitted a letter of petition to the Committee.

The judging Committee was chaired by 2nd Vice President Will M. Heiser. Other members were: Section President Alfred O. Quinn, 1st Vice President Robert M. Koerner, Director Kenneth J. Zitomer, Student Chapter Committee Chairman and Section Director Robert D. Lynch, and Publications Chairman Sidney Robin.

BOSTON ESTABLISHES HYDRAULICS PRIZE

The Boston Society of Civil Engineers, now a Section of the ASCE, announces an annual prize of \$2000 for an exceptionally useful paper in the field of hydraulic engineering: the **Freeman Hydraulics Prize**. To qualify for the prize, the paper submitted must be comprehensive, and trace the historic development of a thesis, explain its theoretical basis and give detailed practical examples of, and cite pitfalls avoided by, its application. The paper must be original in its overall presentation, though it can cover the state-of-the art in a superior manner. It should be well illustrated and edited.

The papers or major parts thereof shall not be or have been submitted for publication to or published by any other organization — public, private, or academic. The Section will publish all prize-winning papers in its regular journal and may also publish the papers separately or in special collections. More than one prize may be awarded in a given year, but this might necessitate deferral of future prizes. While non-prize winning papers submitted may qualify for publication in the Journal, authors of such papers will be given the option of withdrawing them.

The prize is available through the generosity of the late John R. Freeman, one of the great civil engineers of the early part of the century, who left a substantial sum of money to the Boston Society of Civil Engineers for purposes such as this. Papers will be judged by the Section's John R. Freeman Fund Committee. They should be submitted by registered mail to the Freeman Fund Committee, c/o Boston Society of Civil Engineers Section ASCE, 230 Boylston Street, Boston, Mass. 02116. The first prize(s) will be awarded in December 1975 and to be eligible, papers must be received by the Committee before July of 1975. Interested applicants are invited to correspond with the Committee before preparing final applications.



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ASSOCIATE MEMBER FORUM

P. E. Exam Grades

Associate Members who took the Professional Engineers exam in July of 1974 are finally beginning to receive results. Congratulations to those of you who passed. By the way, this is a good time for those planning to take the exam in July of 1975 to begin preparing the application.

AMF - Villanova

Student Chapter Joint Meeting

The meeting held on Nov. 7 at Villanova's John Barry Hall was originally intended to be a joint meeting between Associate Members and members of Villanova's Student Chapter. However, due to lack of proper advertising, a grand total of three Associate Members attended. Approximately thirty students were on hand to view an interesting slide presentation on the construction of the Chesapeake Bay Bridge. This was a \$102,000,000 project which incorporated some innovative construction techniques such as prestressed piles and "Potomac Type" piers. After the meeting everyone enjoyed coffee and doughnuts.

Associate Member Briefs

Congratulations to **Bob Coward** on his recent marriage to the former Denise Ford of Northeast Philadelphia. A graduate of Drexel University, Bob is a dedicated member of the Facilities Division of the Southeastern Pennsylvania Transportation Authority. Presently they are residing in Mt. Laurel, N.J.

Richard Paris has joined the City of Philadelphia, Dept. of Public Property as Project Manager of the Chestnut Street Transitway.

News Items Wanted

Once again, we would like to emphasize the need for items of interest to Associate Members. Send items to — William J. Parante, Gannett, Fleming, Corddry & Carpenter, Inc., Box 368, King of Prussia, Pa. 19406

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ASCE HISTORY PUBLISHED

"The American Civil Engineer 1852-1974," the history, traditions and development of the American Society of Civil Engineers, is now available from the Society.

Authored by William H. Wisely, Executive Director Emeritus of ASCE, this 464-page, hard-bound book documents the broad range of the Society's activity since its founding 124 years ago. This historical account relates the American civil engineer to the development of his country and his profession.

The book provides an accurate account of the broad range of ASCE activity since its founding. The book is not, however, a chronological recital of events as they occurred. The various programs and service areas of the Society are treated independently, each as a story in itself.

ASCE was very much a struggling New York City coalition until 1873. The geographical expansion did not, however, extend to the attitudes of the Society, which remained conservatively introverted through the 19th century.

The accelerated urbanization of America at the turn of the century brought government into the sponsorship and financing of major public works. This was accompanied by the entrance of a growing number of young civil engineers into the profession and the Society. More progressive interpretations of the aims of ASCE were not long in coming, and a gradual transformation began.

The book is a basic historical reference, but it will also aid both the student and the practitioner in orienting them to the rich heritage of the civil engineering profession. The weaknesses and failures of the Society and its members have been recounted as well as its strengths and successes.

A section in the book, having to do with an initiative to organize ASCE in Philadelphia in 1839, was authored by Philadelphia Section Publications Chairman and Past-President Sidney Robin, who completed extensive research on the subject during the summer of 1972.

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WOMEN'S AUXILIARY

The Section's Women's Auxiliary celebrates its Annual Christmas Party **Wednesday, December 18, 1974, 12:00 noon**, at the Engineers' Club. The customary exchange of Pollyannas will take place, and of course there will be the usual fun and good fellowship. Guests are welcome — and all members' wives who have not yet enrolled in the Auxiliary are urged to do so at this event.

There will be no regular Women's Auxiliary Wednesday, Luncheon-Meetings in January or February, 1975. **But please see the separate article in this issue of THE NEWS about the outstanding combined Auxiliary-Main Section meeting on January 14, 1975.**

ENGINEERS' WEEK

The national and Delaware Valley programs for Engineers' Week, February 16-22, 1975 will feature high school conferences, guidance counseling seminars on engineering careers, exhibits on engineering achievements, guided tours of industrial plants, talks by engineers before student and civic groups on the theme "Exploring New Energy Frontiers," and the selection of the 1975 Engineer of the Year.

Special features of the Delaware Valley program will be a Science Teachers' Workshop for junior and senior high school teachers and guidance counselors, and the presentation of awards for outstanding engineering achievements in Delaware Valley.

Walter Kinderman (Mt. Airy) and Rodman V. Buggy (Germantown) of the Philadelphia Naval Shipyard, are co-chairmen of the Science Teachers Workshop. James A. Drobile (Wayne) of Schnader, Harrison, Segal and Lewis, heads the outstanding engineering awards committee aided by **John H. Leapson** (Churchville) of Leapson and LaCroce, **Larry Adams** (Malvern) of the American Institute of Steel Construction, and **Hakon Rasmussen** (Feasterville) of Synergo Co.

Adams also serves as secretary of the general committee. Also serving as chairmen of subcommittees are Richard A. Mulford (Malvern), treasurer, and **Nobile T. McHugh** (Media) proclamations, both of Philadelphia Electric Co.; **Edgar H. Heudler** (Ambler) of Hudson Engineers, Inc., intersociety relationships, aided by Barry Leatherman (Delran) of the Corps of Engineers; George W. Padula (Cherry Hill, N.J.) Corps of Engineers, proclamation luncheon and banquet; H. R. Paxson (Havertown) citations; Mrs. Carolyn Buggy (Germantown) engineering school liai-

son; and Bruce J. Kilmer (Cinnaminson, N.J.) of Rohm & Haas Co., program.

Robert J. Fisher, of Hudson Engineers, Inc. heads the Engineer of the Year Committee. **Leo Goldstein** also serves on the Committee, as does **Edward C. Lawson**.

1976 ASCE PHILADELPHIA CONVENTION

The following article was authored by James W. McPhillips, General Chairman of the Convention.

Active planning is underway for the ASCE National Convention which will be held in Philadelphia September 26 to October 1, 1976.

The Local Section Committee has been established and several productive meetings held.

With Philadelphia as host to the National membership every effort is being made to make this a memorable event in the Section's history. Particular emphasis is being placed on obtaining significant landmark sessions of both a technical and professional nature. Strong emphasis will also be given to special trips to local historic sites and Bi-centennial related events that will be taking place in Philadelphia.

The Philadelphia Convention Committee is as follows:

GENERAL CHAIRMAN —

James W. McPhillips

PROGRAM CHAIRMAN —

Lewis Caccese

Technical Program — John Rumpf

Professional Program — Larry Moy

Field Trips — Larry Adams

Sessions Assistant — Joe Syrnick

ACTIVITIES CHAIRMAN —

John Coscia

Student Program — Bob Lynch

Excursions — Walt Clark

Reception — Jack McCall

Social (Spouse) Events —

Mrs. Will (Audrey) Heiser

Leo Goldstein

Public Information — Sid Robin

Local Attendance — Ken Zitomer

A new approach to conducting National conventions has recently been endorsed by the National Committee on Convention Policy and Practice providing for only two (2) meetings a year and realigned responsibilities for Sections and Headquarter's staff. The Section will primarily be responsible for program development and social functions with Headquarter's staff handling logistics, registration, all dealings with the hotel (Sheraton) any many other operational responsibilities which heretofore were the responsibility of the Section.

The Philadelphia Section Women's Auxiliary will play a major role in planning and hosting the numerous social events under consideration.

Thought is being given to devoting one full afternoon to excursions to historic and Bi-centennial related points of interest.

A strong Student Program with participation throughout the Convention week is planned. Students will be encouraged to develop a specific program plus joining the basic convention activity. It is hoped to tie in the 1976 Concrete Canoe Race as part of the program.

The theme of the Convention as selected by the Steering Committee is "American Civil Engineering — Two Hundred Years of Public Service."

The strong support of the entire Philadelphia Section is essential to a successful Convention. The Committee is anxious to hear all thoughts, suggestions or comments from the Membership.

(Editor's Note: THE NEWS will keep the Section Membership up to date as the planning and programming of the 1976 Convention progress. If you have any ideas or comments — as Mr. McPhillips requests — please forward to him as follows:

James W. McPhillips,

Chief Engineer and Surveyor.

Phila. Dept. of Streets

Room 920, Municipal Services Bldg.

Phila., Pa. 19107

ASCE HISTORY

(Continued from page 5)

The author, William H. Wisely, was named Executive Director Emeritus of ASCE upon his retirement on May 1, 1972, after 17 years of service as Secretary and Executive Director of the Society.

In 1967, Dr. Wisely received an Honorary Doctorate of Engineering degree from Norwich University. In 1969, he became the 32nd National Honor Member of Chi Epsilon, the 47-year old honorary fraternity of civil engineers. Dr. Wisely is an Honorary Member of the Water Pollution Control Federation, and in 1972 received its Charles Alvin Emerson Medal. He is an Honorary Member of the Illinois Society of Professional Engineers and received a Distinguished Service Award from the University of Illinois College of Engineering. In 1973, he became an Honorary Member of ASCE.

"The American Civil Engineer 1852-1974" is available from the American Society of Civil Engineers, 345 East 47th Street, New York, N. Y. 10017, at \$15.00 per copy, \$10.00 to ASCE members.