

the news



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PHILADELPHIA SECTION
AMERICAN SOCIETY OF CIVIL ENGINEERS

1317 Spruce Street, Philadelphia, PA 19107

VOL. 60 - 2

November, 1987

NOVEMBER DINNER MEETING

Philadelphia Section, American Society of Civil Engineers

TUESDAY, NOVEMBER 10, 1987

ENGINEER'S CLUB, 1317 Spruce Street, Philadelphia

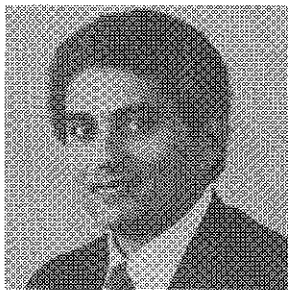
Cocktails - 5:30 P.M. Dinner - 6:30 P.M. Meeting - 7:30 P.M.

SUBJECT:

THE ROLE OF CIVIL/GEOTECHNICAL ENGINEERS IN ENVIRONMENTAL MANAGEMENT

SPEAKER:

M. SALAH ABDELHAMID, Ph.D., P.E., Vice President, Roy F. Weston, Inc., West Chester, PA



The role of the Geotechnical Engineer in the planning and implementation of various national, industrial and local environmental programs has been progressively increasing since the advent of the National Environmental Protection Act (NEPA) in 1970.

The purpose of this presentation is to provide an overview of specific functions and contributions of geotechnical engineers relative to the current national campaign for environmental restoration and management. Emphasis will be placed on technical and management tools that geotechnical engineers must master to meet these new challenges posed by this expanding role. The role of the geotechnical engineer as a manager of multi-disciplined efforts will be the primary theme for this presentation. Particularly, the interfacing and cooperation with policy

(Continued on Page 2)

DECEMBER DINNER MEETING

Philadelphia Section, American Society of Civil Engineers

TUESDAY, DECEMBER 8, 1987

Location: **DREXEL UNIVERSITY**, Grand Hall, Creese Student Center
SouthWest Corner of 32nd and Chestnut Streets, Philadelphia, PA

Beer - 5:30 P.M. Dinner - 6:30 P.M. Meeting - 7:30 P.M.

SUBJECT:

THE AMERICAN CONSULTING ENGINEERS COUNCIL PEER REVIEW PROGRAM

SPEAKERS:

DELON HAMPTON, Ph.D., P.E., President, Delon Hampton Associates, Consulting Engineers, Washington, D.C.

ERIC L. FLICKER, P.E., President, Treasurer and Chief Executive Office, Spotts, Stevens and McCoy, Inc., Wyomissing, PA

(Continued on Page 2)

FOR RESERVATIONS FOR MAIN SECTION MEETING AT DREXEL UNIVERSITY
DECEMBER 8, 1987, PLEASE CALL **MS. SUZANNE JENKINS**, DEPT. OF CIVIL
ENGINEERING, (215) 895-2364 BEFORE 5:00 P.M. FRIDAY, DECEMBER 4, 1987.
RESERVATIONS ARE REQUIRED. (ROAST PRIME RIB OF BEEF DINNER)
CHARGE: \$15.00; STUDENTS \$8.00

TECHNICAL GROUP ACTIVITIES

Construction Group

November Meeting

Date: **Tuesday, November 24, 1987**

Engineer's Club

Meeting: 7:00 P.M.

Subject: **Redecking of the Ben Franklin Bridge**

Speaker: **Frank J. Kempf, P.E.,** Corporate Bridge Engineer, Baker Engineers, Harrisburg, PA

Program Host: **Fredric L. Plotnick, Esq., P.E.,** Chairman, Construction Group

Mr. Kempf, a Registered P.E. in five states including Pennsylvania, and a graduate of Villanova University with a B.S.C.E. (1949), is known for his work on numerous bridges in West Virginia, Ohio, Arizona, Illinois, and on the Trans-Alaska Pipeline. Other local projects undertaken by Mr. Kempf include design of the Betsy Ross Bridge and structural components of the Broad Street Subway tunnels.

During the past several years there have been four major bridges, including the Ben Franklin, which have been redecked in steel in lieu of concrete. Reasons for selecting this type of decking will be discussed along with design details and some of the more significant items of construction. Mr. Kempf's firm, in conjunction with Weidlinger Associates, designed the project and performed on-site construction inspection for the Delaware River Port Authority.

Water & Environmental Engineering Group

November Meeting

Date: **Tuesday, November 17, 1987**

Engineer's Club

Cocktails - 5:30 P.M.

Dinner - 6:00 P.M.

Lecture - 6:45 P.M.

Subject: **Sludge Dewatering Technology - Upgrade at Baltimore's Back River Plant**

Speaker: **Jim Beckstrom**, Project Engineer, PSC Environmental Services, Inc.

Program Host: **Farid F. Mansour**, Chairman, Water & Environmental Group

For reservations and full details, please contact Mr. Mansour at United Engineers & Constructors, Inc. (215) 422-3376; or Dave Ritter at PSC Environmental Services, Inc. (215) 768-9411.

IMPORTANT!! 1987-1988 MEETING NOTICES

MARK YOUR CALENDAR for the dates of the remaining Philadelphia Section, ASCE monthly meetings and social functions, as follows:

All Dinner Meetings -

Cocktails - 5:30 P.M. Dinner - 6:30 P.M. Meeting - 7:30 P.M.

Tuesday, January 12, 1988 - Engineer's Club

Subject: Waste Management in the 80's and Beyond - Challenges & Opportunities for the Civil Engineer

Speaker: Dr. Amir Metry, Vice President, Roy F. Weston, Inc.

Spring Garden College Night

Tuesday, February 9, 1988 - LOCATION TO BE ANNOUNCED

Subject: Safe Drinking Water Act

Speaker: A Representative from PA DER

University of Pennsylvania Night

Tuesday, March 8, 1988 - Engineer's Club

Subject: Renovation of the Frankford Elevated

Speaker: Douglas J. Fritz, Esq., P.E., Construction Manager, Phila. Transit Consultants

Presentation of Life Membership Certificates

Villanova University Night

Tuesday, April 12, 1988 - Engineer's Club

Joint Meeting with the Philadelphia Post, Society of American Military Engineers (S.A.M.E.)

Subject: ASCE Manual of Professional Practice

Speaker: James Poirot, P.E., Chairman, CH2M-Hill

Temple University Night

Saturday Evening, May 14, 1988

Annual Spring Dinner Dance - Colleen's, Park Towne Place

Arranged by the Womens Auxiliary

November Dinner Meeting

(Continued from page 1)

makers, regulatory agencies, the legal profession and the concerned public will be discussed. **Mr. Salah Abdelhamid**, a Registered Professional Engineer in New Jersey, earned his B.S. in Civil Engineering (1966) and his M.S. in Geotechnical Engineering (1968) at Cairo University, and his Ph.D. in Civil Engineering (1975) at Northwestern University. Prior to joining Weston, Inc. in 1986, he was affiliated with various Consulting Engineering firms and Soil Testing and Investigating companies. His diversified experience in Civil Engineering projects includes 18 years of management, planning and administration of environmental, hazardous and radioactive wastes investigations, feasibility studies for Superfund sites throughout the United States, and community relations programs. Dr. Abdelhamid has developed and evaluated construction specifications for hazardous waste management facilities, foundations systems and complex civil works; and interpreted the results of extensive geotechnical testing programs for the design and licensing of nuclear power generating stations.

SPECIAL FEATURE:

WIDENER UNIVERSITY NIGHT

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

FOR RESERVATIONS FOR THE NOVEMBER 10, 1987 MEETING

AND ALL MAIN SECTION MEETINGS, EXCEPT WHERE NOTED OTHERWISE,

PLEASE CALL PRESIDENT NORMAN WEINTRAUB'S SECRETARY, PAULA

AT (215) 592-6209.

Dinner Meal Charge: ASCE Member - \$15.00; Non-Member - \$16.00; Students - \$8.00.

STUDENTS: If you prefer, you are welcome to attend the Meeting after Dinner, at no charge.

December Dinner Meeting

(Continued from page 1)

ACEC describes its Peer Review Program as analogous to your personal physical examination. The eminent speakers will explain how office policies and practices are systematically reviewed -- at your request -- in your office, at your convenience.

SPECIAL FEATURE: SWARTHMORE COLLEGE NIGHT

POSITION AVAILABLE

Suburban engineering firm is seeking a civil engineer with a B.S. degree and a minimum of 5 years experience in roadway, sanitary sewer, stormwater management, grading and erosion control design. Municipal experience and P.E. registration preferred. Send resume and salary requirements to: Personnel, Chester Valley Engineers, Inc., P. O. Box 447, Paoli, PA 19301.

PHILADELPHIA SECTION

AMERICAN SOCIETY OF CIVIL ENGINEERS

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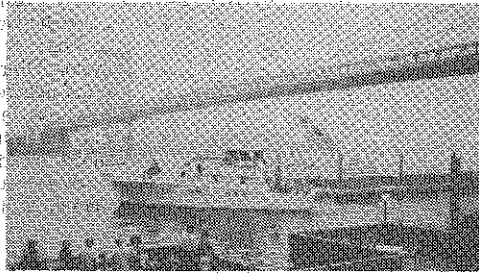
Richboro, PA 18954

Phone: (215) 322-7464

**COPY DEADLINE FOR
DECEMBER 1987 ISSUE
NOVEMBER 10, 1987**

SECTION PARTICIPATES IN BRIDGE LIGHTING PROJECT

The Philadelphia Section, ASCE, played an active and significant part in the endeavors of the Benjamin Franklin Bridge Lighting Project Committee, an affiliate of the PENJERDEL Council. The latter is a private, non-profit Tri-State organization (Pennsylvania, New Jersey and Delaware) interested in improving the quality of life in the Region for business and residents. The participation culminated as part of the We The People 200 Constitution Day on September 17, 1987, with gala ceremonies at Penn's Landing accompanying the official extraordinary lighting system which illuminates the towers, main cables and suspender cables with blue light, and the stone piers of the Bridge with amber color floodlights.



The Benjamin Franklin Bridge

Against a background of spectacular fireworks and decoratively lighted ships and boats in the marina area adjoining the Bridge, the switch was thrown. Brilliantly flooding the magnificent structure was an intricately designed sequential lighting scheme, including a chasing lighting effect on the vertical cables, triggered by computer coordination with PATCO trains traveling on the Bridge tracks.

Representing the Philadelphia Section, ASCE, at the ceremonies and reception held on the Pier of the Phila. Marine Center adjoining the Bridge, were President Norman G. Weintraub, and Past Presidents John E. Durrant and Sid Robin. The Lighting Committee featured the Philadelphia Section in a live broadcast on TV Channel 6 at 10:30 P.M. at the Reception on September 17th. Weintraub, Durrant and Robin were interviewed by Channel 6 Commentator Tug McGraw, the great former Phillies pitcher. Sid Robin, acting as ASCE spokesman, discussed the report on "The History, Heritage, and Legacy of the Benjamin Franklin Bridge," which he prepared for the Penjerdel Lighting Project Committee with the cooperation of the Division of Engineering, Delaware River Port Authority, and the firm of Modjeski & Masters, Consulting Engineers, Harrisburg, PA. The report was distributed for broadcast on local radio and news media, as well as TV. Sid impressed on the listening and viewing television audience that the Ben Franklin Bridge was the manifestation through the design genius of the great Philadelphia Civil Engineer and ASCE member, Ralph Modjeski, original founder of Modjeski and Masters of the superlative civic creations of the Civil Engineers of our time. The Lighting Project, Sid emphasized, brings these realities into sharp focus and educates the general public about our proud achievements.

In recognition of its participation and sponsorship of the Lighting Project by "buying a bulb" and assisting the Committee in its work, the Philadelphia Section, ASCE was the beneficiary of much publicity including, in addition to the TV broadcast at the Lighting Ceremonies Reception, the following:

Mention and credits in an article in the Philadelphia Inquirer, by Writer Murray Dubin.

ACI MEETING ON ARCHITECTURAL CONCRETE

The Delaware Valley Chapter, American Concrete Institute, will hold a dinner meeting on Tuesday, November 17, 1987, at 6:00 P.M. The meeting will be held at Benetz Inn, Route 309 South, Quakertown, PA.

The meeting topic will be Keys to Successful Use of Architectural Precast Concrete. The featured speaker will be Douglas Lorah, General Manager of High Concrete Structures in Denver, PA. Mr. Lorah will make this a practical presentation for designers and builders. He will cover such topics as aesthetics, structural integrity, transportation, erection, and interface with other trades. This will be the Annual Joint meeting with the Lehigh Valley Section ASCE.

The meeting is open to ACI members and non-members alike. Phila. Section, ASCE members are cordially invited to attend.

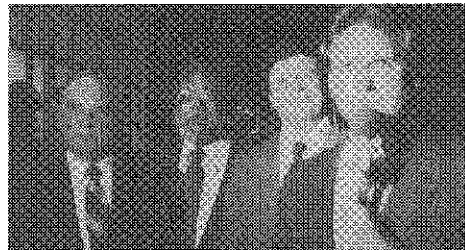
For information, or to make reservations, interested parties should contact Randy Cronin at (215) 699-5613.

NEW BOCA PROFESSIONAL SOCIETY

The Building Officials and Code Administrators Incorporation (BOCA) voted at their Annual Meeting in June to extend voting privileges to Professional Members for the first time. This will be accomplished through the formation of Professional Chapters. Chapters will consist of a minimum of 15 professional members. The Chapter will have one or two votes on the national code depending upon size.

A Philadelphia Area Chapter is presently being formed. ASCE Society members who hold a BOCA Professional Membership and are interested in affiliating with the new chapter should contact John E. Kampmeyer, P.E., Maida Engineering, 710 East Third Street, Essington, PA 19029, or call (215) 521-5850.

- A Media Release and Photo Opportunity announcing the Section's involvement.
- A Certificate of Sponsorship for one of the 592 Benjamin Franklin Bridge Bulbs. This Certificate will be mounted and hung at an appropriate display in the Engineers' Club.
- Public recognition of our contribution in a special display advertisement by the Committee in the Business Section of the Philadelphia Inquirer.
- A letter of commendation, congratulating the Philadelphia Section as "... the proud sponsor of Bulb No. 81..." by Malcolm Lazin, Esq., Co-Chair of Finance for the Lighting Project Committee.



Phila. Section Pres. Norman Weintraub (center), Past Presidents Sid Robin (left) and John Durrant are interviewed on TV Channel 6 by Commentator Tug McGraw (right), at Bridge Lighting Ceremonies.

1988 DANIEL W. MEAD CONTEST FOR YOUNGER MEMBERS

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

Topic: "Papers must be written on 'ADVANCED TECHNOLOGY: THE GATEWAY TO IRRESPONSIBILITY?'"

- How do you know if the answers the advanced technology is giving are correct?
- What is the engineer's responsibility in understanding the theory behind the advanced technology being used?

Rules

- Authors must be Associate Members or Members of the Society 32 years of age or less on February 1, in the year of the award.
- Only one person can write each paper.
- Each Section can submit only one paper.
- Paper must contain no more than 2,000 words.
- One winner will be selected from each of the Society's four zones.
- The national winner, selected from the zonal winners, will receive a wall plaque and a certificate.
- Winners may be invited to present their papers at the ASCE Annual Convention, St. Louis, October, 1988.

The paper by the national winner will be submitted for publication in CIVIL ENGINEERING or JOURNAL OF PROFESSIONAL ISSUES IN ENGINEERING.

By February 1, 1988, several copies of each paper must be submitted through the Section Secretary Robert M. Wright, to AMERICAN SOCIETY OF CIVIL ENGINEERS/United Engineering Center, 345 East 47th Street, New York, NY 10017-2398.

Philadelphia Section Younger Members are urged to get to work on the Mead Competition. We are proud of our past winners and want to continue to be in the forefront.

Past Mead Competition winners from the Philadelphia Section are:

- 1974 - John Spilko, National Award
- 1977 - Joseph R. Syrnick, Zone I Award
- 1978 - David S. Shaw, Zone I Award
- 1979 - Haym Bemaroya, Zone I Award
- 1983 - Greg Neiderer, Zone III Award

WOMEN'S AUXILIARY

November Meeting

The Women's Auxiliaries of the Philadelphia Section, ASCE, the Philadelphia Chapter of Pennsylvania Society of Professional Engineers (PSPE), and the American Society of Mechanical Engineers (ASME) will hold a Joint Luncheon Meeting at the Engineers' Club on Tuesday, November 17, 1987, 12:00 noon. Mr. and Mrs. Robert Reitingger (Mrs. Reitingger is an official of PSPE) will present slides and a talk entitled "Two Hundred Years," which will be a tribute to the Bicentennial of the Constitution of the United States of America, now being celebrated nationwide.

Wives of Section members are cordially invited to join the Women's Auxiliary, to attend all its meetings and functions and to bring guests. For full information about membership application, please call Membership Committee Chairperson, Marie (Mrs. Kenneth J.) Zitomer, (215) 548-5324.

OCTOBER MEETING

October 13, 1987

Engineers' Club

by Sid Robin, Editor, and Dave Perri, Staff Writer

PennDOT Program Developments

A capacity crowd of more than 200 members and guests enjoyed the splendid kick-off meeting of the Philadelphia Section, ASCE 1987-1988 season. **Howard Yerusalim, P.E.**, Secretary of the Pennsylvania Department of Transportation (PennDOT) was our distinguished speaker, and his subject was: "Program Developments for the PA Department of Transportation."

Drexel University Night

In keeping with the Section's continuing policy of focusing on the Civil Engineering Schools of the Philadelphia Metropolitan area, the meeting honored the ASCE Student Chapter and Civil Engineering Department of Drexel University. True to tradition, a formidable delegation of more than 50 students and faculty — and many more alumni — attended the meeting.

Dr. Wesley Pipes, Chairman of the Department of Civil Engineering, hailed 1987 as a key year for the Department, marking a continuing increase in Civil Engineering enrollment. He reviewed current and planned curricula and research programs in systems, environmental, and geotechnical engineering, and other specialties. Dr. Pipes introduced the many faculty members present.

Ms. Renbaum and the Student Chapter

Drexel's ASCE Student Chapter President **Lauren Renbaum** introduced her fellow officers: Vice President **Dan Zitomer** (son of our renowned Ken!); treasurer **Ed Doheny**; Corresponding Secretary **Elain Elbich**; Recording Secretary **Krys Piasecki**; Student Department Head **John Popovics** (John is a senior who represents the students at C.E. faculty meetings); *Influence Lines* (newsletter of the Chapter) Editor **John Bronnino**; Faculty Advisor **Dr. Joseph Martin**; and Concrete Canoe Race Chairman **Dan Grasmeder**.

Ms. Renbaum highlighted the Chapter activities, which included: liaison with Architectural-Engineering students in projects and studies and activities of common interest; the concrete canoe design research; several field trips (she invited officials of consulting firms, contractors, etc. in the audience and their associates to host trips for the Chapter to their offices or projects, as well as to provide speakers for Chapter meetings. She described the Senior Design Course, in which a presentation is being prepared for May, 1988.

Bill Thomsen Introduces the Secretary

William T. Thomsen, Chairman of the Section's Transportation and Urban Development Group, introduced our featured speaker of the evening. Mr. Yerusalim delighted his audience — which included present and former high City Public Works and PennDOT officials, Engineering Schools Deans and Faculty, as well as private consultants specializing in Transportation — with a frank and informative discussion of the Commonwealth's highway system. PennDOT's billion dollar bridge program, twelve year plan and funding sources were described in detail and graphically presented with a series of slides.

Local Interest Projects

Mr. Yerusalim, a graduate of Drexel University, discussed local projects of interest includ-

ing the completion of Woodhaven Road, the Newtown bypass of Rt. 202, and the much needed rehabilitation of I-95 through Philadelphia. Wearing his hat as Chairman of the Turnpike Commission, he commented on his plans for solving the problems facing the State's Turnpike system. Good news was announced for those who travel the turnpike in the Philadelphia area — the widening project will be completed by this November!

Mr. Yerusalim concluded his presentation with an appeal to the co-op program students at Drexel to consider a hitch with PennDOT. He praised co-op students as being excellent employees and urged them to take advantage of the great job experience awaiting them at PennDOT.

Discussion Period

Following Mr. Yerusalim's formal presentation, he engaged in a spirited and enlightening discussion with members of the audience on their comments and questions.

To conclude the meeting, Bill Thomsen presented Secretary Yerusalim the Philadelphia Section's Certificate of Appreciation for his outstanding talk.

The rousing success of the entire affair was made possible by the enormous effort of Bill Thomsen. His organizational talents paid off with a smoothly run meeting and record attendance. We thank Bill for his efforts and appreciate the hard work organizing a meeting of this magnitude entails.

The NEWS also welcomes and acknowledges the contribution of **Joanne Anovick**, as new Chairman of the Section's Hospitality Committee. Joanne, a Civil Engineer and recent new member of the Philadelphia Section, ASCE, is employed in the Collection Systems Branch of the Operations Division, Philadelphia Water Department. It is certain that the Section will be the grateful beneficiary of Joanne's talents.

LEGAL RESPONSIBILITIES SEMINAR

The legal pitfalls encountered by engineers, architects, contractors and lawyers representing them or the customers they serve, are a major concern in today's construction industry. The Delaware Law School, Wilmington, DE and the Philadelphia Section, ASCE are co-sponsors of a one-day Seminar, to be held on **Friday, Nov. 20, 1987, 8:30 A.M. to 4:00 P.M.** at the Delaware Law School, Concord Pike, Wilmington, DE.

The Seminar is designed to define current trends in the law governing construction proceedings; insurance considerations involved; the role of the construction manager; the problem of documenting the course of construction; means of risk management; and alternate methods of settling disputes which may arise.

Panelists in the Seminar include: **Fredric L. Plotnick, Esq., P.E.** (Chairman of the Phila. Section Construction Group), President of Engineering & Property Management Consultants, Inc.; **Paul Cottrell, Esq.** of the firm, Berg, Bifferato, Tighe and Cottrell, P.A.; **Andrew B. Cohn, Esq.** of the firm, Korn, Kline and Kutner; **Theodore H. Dwyer, CSI, S.M.A.A.**, President of the architectural firm, T.H. Dwyer; and **William J. Hirsch, A.I.A.**, President of the Delaware Society of Architects.

Topics to be covered include: Trends in Litigation; Legal Consequences of Computer Assisted Design and Drafting; Contracting as a Risk Management Tool; Responsibilities of the Construction Manager; and Delay Damage Claims — Involvement of the Design Professional.

Cost of the Seminar is \$125.00. For full information, call Delaware Law School — (215) 459-9209 or (302) 478-5280; **Fredric L. Plotnick** — (215) 843-7313; or **Paul Cottrell** — (215) 564-2996 or (302) 571-8600.

THE PENNONI'S HOST FALL SOCIAL

The 1987 Phila. Section, ASCE Annual "At Home" Fall Social, sponsored and arranged by the Women's Auxiliary, was held on Sunday, October 11, 1987 at the magnificent classic-style new home of **Chuck and Annette Pennoni** in Bryn Mawr, PA. The early day threatening weather was fearlessly ignored by the large turnout of Section Members, spouses and guests. Happily, the skies cleared, temperature turned balmy, and the attendees' enjoyment of the party was immeasurably enhanced by the dazzling view of virtually the entire Delaware Valley from the grounds of the property and just about every window in the handsomely-appointed house.

Annette Pennoni, currently Corresponding Secretary, and for many years an officer and active member of the Women's Auxiliary; and husband **Chuck**, recent Past Vice President, Zone 1 of National ASCE, former National Director, District 4, Past President of the Phila. Section (*ad infinitum* activities in ASCE, awards and honors, academic involvements, etc.) were gracious and accommodating hosts. Many Auxiliary members contributed and helped to serve tasty *hors d'oeuvres* and delicacies, adding fulfillment and warmth to the cheerful occasion.

Daughter **Dianne Pennoni**, a Muhlenberg University graduate Chemist and current M.B.A. candidate at St. Joseph's University, also served as a charming hostess. Dianne is employed in the Financial Administration Department of her father's Consulting Firm, Pennoni Associates, Inc. Bartending chores were supervised and closely scrutinized — as always — by Section Past President **Ken Zitomer**, who is now associated with Pennoni Associates as a Consultant. Ken's watchful eye and deft hand directed the Pennoni sons in dispatching drinks at the attractive Recreation Room bar.

David Pennoni, a Lehigh University Civil Engineering graduate — now affiliated with Pennoni Associates, and brother **Andrew Pennoni**, a third year Civil Engineering cooperative student at Drexel University — currently employed on an industry-period assignment at Philadelphia International Airport — shared the bartending functions, under Ken's direction, with ever-improving dexterity ("... I've never done this stuff before...") apologetic David at the beginning of the party).

Vincent Pennoni, the third son in the family, a Civil Engineering graduate of Drexel University — employed with the Moore-Hall Construction Company, Malvern, PA, was the renegade of the afternoon — opting for "I'm goin' fishin'" rather than attending the gala affair. Poor boy! He didn't realize what he was missin' by goin' fishin'.

(HOW ABOUT THESE PENNONI'S — FOUR CIVIL ENGINEERS IN THE FAMILY!!)

The "at home" Fall Social format was started by the Auxiliary in 1976. Proceeds of the function are deposited into the Auxiliary's **Annette Estrada Memorial Awards Fund**, in memory of the beloved President of the Auxiliary who was killed in an automobile accident many years ago. The Fund was established to help finance noteworthy civil engineering educational and research endeavors in area colleges and universities. Section members contributed modest fees to cover costs of the party and to enhance the Memorial Fund.

The Philadelphia Section congratulates **Annette and Chuck Pennoni**, their children who assisted so capably, **Marie (Mrs. Kenneth J.) Zitomer**, Chairman and her Social Committee and general membership of the Women's Auxiliary, for their beneficence, generosity and hard work in making the 1987 Fall Social a marvelous, memorable event. The lustrous record of successful social programs sponsored and arranged by the Section's Women's Auxiliary continues intact.