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Vol. 75-6

Our 89th Year

January, 2003

FEBRUARY JOINT DINNER MEETING

Philadelphia Section, American Society of Civil Engineers, South Jersey Branch, New Jersey Section, ASCE

THURSDAY, FEBRUARY 20, 2003

WYNDHAM HOTEL • 1111 Route 73, Mount Laurel, NJ • (856) 234-7000 • Parking is Free • (see location map below)

COCKTAILS - 5:30 P.M. • DINNER - 6:30 P.M. • MEETING - 7:30 P.M.

SUBJECT: WORLD TRADE CENTER 9/11 RESCUE BRIDGES

SPEAKER: Mr. John J. Peirce, P.E., Founder and Principal, Peirce Engineering, Inc., Mr. Matthew J. Hummel, P.E., Project Engineer, and Mr. Mark E. Joosten, Vice President, Acrow Corporation of America

SPECIAL FEATURES: TEMPLE UNIVERSITY and ROWAN UNIVERSITY NIGHT – The ASCE Student Chapters, Alumni and Faculty of the Civil Engineering Departments of Temple University and Rowan University will be honored at this meeting. All Students, Faculty and Alumni are cordially invited.

RESERVATIONS MUST BE SUBMITTED BY MONDAY, FEBRUARY 17, 2003. Please send your check for the number of attendees @ \$30.00 per member or guest, \$15.00 per ASCE Student Member, payable to the Phila. Section, ASCE, P.O. Box 58186, Phila., PA 19102-8186; or call the Electronic Message Center: 1-800-461-4190 (Open 24 hours/day) or e-mail the Section at info@asce-philly.org.

Mr. Peirce and Mr. Hummel (Mr. Peirce's client Acrow Corp.), Engineer on the Bridge Design Project, will talk about how the two bridges were designed and constructed, how quickly everything needed to be done, and the site conditions. They volunteered their time unloading rescue supplies. There may be some limited pictures of the early site conditions, although no one really wanted to be taking pictures during the rescue operations. Mr. Hummel, one of the two Acrow volunteer engineers, and Mr. Peirce worked together on the WTC bridges, and on a number of other bridges. The following elements will be discussed: What is a panel truss bridge; Types of panel truss bridges; Examples of completed bridges; WTC bridge bid, design, supply and construction; WTC conditions and experiences, accommodating the rebuilding and expansion of the light rail service into the WTC site.

Tacony-Palmyra Bridge Trenton Betsy Ross Bridge 295 (41) Location Map for (38) WYNDHAM Camden HOTEL Ben Franklin NJ Turnpike Bridge Exit 36 Mount Laurel, NJ Exit 4 Wyndham Walt Whitman Bridge U-turn at traffic signal



United We Stand!

Volunteers Needed – Engineering Management Technical Group

Volunteers are needed to help plan activities for the Engineering Management Technical Group. If interested, please contact co-chairmen Bill Mulloy at (215) 656-6583 or Dennis MacBride at (215) 568-6500.

PARSONS BRINCKERHOFF Sponsor of February 20th Meeting Company Profile

Parsons Brinckerhoff (PB) is an international planning, engineering and construction management company. Founded in New York in 1885, PB today employs 9,400 people in more than 250 offices around the world. Parsons Brinckerhoff serves both public and private clients, providing multidisciplinary services for all types of infrastructure, including transportation, power, buildings, environmental and telecommunications projects.

Currently PB is playing key roles on projects such as the upgrade of the West Coast Main Line of the British rail system; a new sewerage system for Singapore; the Taiwan High Speed Rail project; and a 2500-MW power plant in Az-zour, Kuwait. PB recently contributed design and construction support for the restoration of service on a section of New York City's 1/9 subway that was badly damaged on September 11, 2001.



THE PRESIDENT'S NESSAGE

Volunteering in Civil Engineering ("Voice")

Dear Fellow Members in ASCE,

In the September 2002 issue of THE NEWS, I set eleven (11) goals for the Phila. Section, ASCE as a "first-class" technical organization. So far, in seven months that we worked together, we met most of those goals and we exceeded our expectations. At the January 15, 2003 Section meeting, I reported that as of January 3, 2003 our Section has 1,992 members. By the time you received and read this

newsletter, our Section membership has probably reached the 2,000 plateau. As an incentive to the 2,000th member, he or she will receive a free dinner in any of the remaining Section meetings, including the Section's Spring Social on May 2, 2003.

Many of our fellow Section members work tirelessly serving various Section Administrative, Standing and Special committees. Our celebration of the ASCE 150th Anniversary was a big success. Our Past-President Sandra May was instrumental in making this celebration a success. In promoting civil engineering to the students and the public. The main theme An ASCE member from outside of the Section answered our call for volunteers to serve any of the committees. Mustafa Igdelioglu, a structural engineer from O'Brien and Gere Engineers, Inc. willingly and voluntarily offer his help in serving the Section's Engineering Management and Structural Technical Groups. On behalf of the Section, I welcome him to the Phila. Section.

Attendance at the Section's meetings had been well attended and successful. I have seen members who have not attended before. I am pleased to see a member like Michael V. Griffin of Hill International (Sponsor of November Section Meeting) for attending most of the Section meetings this year. I am sure that there are other members who have rejoined the meetings after long absences. The Section's sponsorship has been a great success with over 30 Sponsors supporting the Section activities. The list is growing and growing. No Sponsor will be left behind. New Sponsors are always welcome.

You probably have read the December issue of THE NEWS announcing the Section's 2003 awards nominations for the deserving members who contributed to the Civil Engineering profession. I encourage you to take this opportunity to nominate your peers for recognition. The deadline for submitting nominations has been extended from February 7, 2003 to February 14, 2003. So far, our Section, the Younger Member Forum in particular, has participated in a series of community services such as Friends of the Wissahickon Trailworks, Toys for Tots for Children's Hospital of Philadelphia, Martin Luther King Greater Philadelphia Day of Service, Food Drive and Fund Raising for the Philadelphia Food. Many more volunteer and community services are planned for the near future, such Christmas in April Habitat for Humanity, Police Athletic League After School Computer Program, and many more

A number of Philadelphia-area engineering firms have been supportive of their Civil Engineering employees for giving them the opportunity to get involved and participate in the Society activities. At the January 15th Section meeting. I was honored to present the National ASCE certificate to Urban Engineers, Inc. as a recipient of the 2002 Employer Recognition Award recognizing UEI for the support of younger member participation in ASCE activities. I encourage other firms to follow the example of UEL Other employers, both public and private, like the Department of Streets of the City of Philadelphia and Parsons Brinckerhoff, were among area employers that have received the Award in the past.

In April 2003, the Student Chapters will be participating in the Regional Concrete Canoe and Steel Bridge Competition. Following the Regional, the National Competition will be held in Philadelphia. Drexel University is hosting both competitions. It will be distinct honor and privilege for our Section to be part of these important events. I am looking forward for all your support to the Student Chapters (remember your alma mater) and future leaders in making these events a success.

Lastly, let us not forget to promote the Civil Engineering profession to the public, media and the middle and high school students. As part of the upcoming celebration of Engineers' Week in the Delaware Valley, the Section is actively participating in the many math and science activities. Some members of our Section, including yours truly, will take part in judging a series of Future Cities projects built by middle school students. This event normally receives media and public attention. The Section will be hosting its own Future Cities competition on February 22, 2003 at Mall in New Jersey. We will also participate in checking solution papers during the Mathcounts competition at Temple University. This is also a competition between middle school students in the Philadelphia area.

Think VOICE.

Sincerely, Ruben D. David, P.E., President Philadelphia Section, ASCE

February Joint Dinner Meeting

(Continued from Page 1)



Mr. John J. Peirce, P.E. is the founder and a principal of Peirce Engineering, Inc., a ten year old, Civil-Construction Engineering firm located in Collegeville, Pennsylvania. Mr. Peirce has been a member of the American Society of Civil Engineers (ASCE) since 1982 and was named the Philadelphia Section's Engineer of the Year for 2002. He is also a past-president and a current board member of the Delaware Valley Section of the American Society of Highway Engineers (ASHE). Mr. Peirce is a graduate of Drexel University with BS (1973) and MS (1978) degrees in Geotechnical Engineering. He (Continued on Page 3)

SECTION WEB SITE!

Our Section's web site has taken on a new look! Check us out at www.asce-philly.org. Make sure you bookmark this site to check on our latest meetings and events, links and much more Comments and/or suggestions? Please contact us either via our Electronic Message Hotline at 1-800-461-4190 (24 hours a day) or e-mail at info@asce-philly.org.

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COPY DEADLINE FOR FEBRUARY 2003 ISSUE **FEBRUARY 20, 2003**

February Joint Dinner Meeting

(Continued from Page 2)

is a Registered Professional Engineer in five Mid-Atlantic States. Peirce Engineering, Inc. specializes in the design of earth retention systems, underpinning, ground anchors, soil nailing, and cofferdams for both temporary and permanent applications.



Mr. Matthew J. Hummel, P.E. is a Project Engineer for Acrow Corporation of America, an industry leader in the design and manufacture of prefabricated modular steel bridges for over 50 years. Mr. Hummel is a

1997 graduate of Cornell University with a BS degree in Civil/Environmental Engineering. He is a Registered Professional Engineer in the State of New Jersey. Employed by Acrow for the last six years, Mr. Hummel's duties include bridge design and on-site supervision during bridge erection.



Mr. Mark E. Joosten, V.P. of Acrow Corporation of America has 12 years of bridge experience in all phases of Acrow's bridge work. Mr. Joosten is a 1990 graduate of Farleigh Dickenson University with a

BS degree in Construction Engineering. He is a member of the American Welding Society (AWS) and the Heavy Movable Bridge Structures Group (HMS).

YOUNGER MEMBER FORUM NEWS

by Michael McAtee, P.E. Forum Editor and Vice President 2002-03

Younger Member Forum

Kristen Bowman, PE, 2002-03 President Flow Science Incorporated Two Penn Center, Suite 200 Philadelphia, PA 19102

(215) 854-6445

kbowman@flowscience.com

The Younger Member Forum (YMF) membership includes college students, recent graduates, and young engineers including Registered Professional Engineers who are 35 years of age and under.

Young engineers or college students who would like to become part of the YMF and to be added to the announcement list, please contact Alyson Lester, Urban Engineers. Inc. at secretary@ymfphilly.com or at (215) 922-8080. There are no fees to join!

Recent Accomplishments

The Younger Member Forum held the Seventh Annual YMF Winter Social on Thursday, January 9, 2003 at McGillin's Olde Ale House. With almost ninety people in attendance, it was the most successful YMF event to date! It provided the Younger Engineering community a great opportunity to network. The festivities inbluded an amazing raffle which included 23 prizes valued at over \$1,400 that were donated by local engineering companies! Nearly \$900 in proceeds was raised for the Greater Philadelphia Food

Bank, an organization that supplies 800 local charities with food and supplies - this is more than double than in previous years! A canned food collection was also held to support this important charity. The YMF would like to thank our generous sponsors: DMJM+HARRIS, Pennoni Associates, Vollmer Associates, Deloitte & Touche, Timothy Haas & Associates, CDI Corp, Urban Engineers, Traffic Planning & Design, St. Lawrence Cement, Michael Baker, Schnabel Engineering, URS Corporation, Giovannone Construction, McMahon & Associates, Parsons Brinkerhoff, Malcolm Pirnie, ERM, Villanova University, and University of Pennsylvania. We would also like to thank the Winter Social Committee who made this successful event possible: Kristen Bowman, Tom Brady, Alyson Lester, Mike McAtee and John Quirus.

Upcoming Events

The YMF College Outreach Program Panel went to Drexel University on January 22, 2003 and to Temple University on February 5, 2003 to speak about issues on the job market, professional licensing and graduate studies. If you would like to be part of the panel and share your knowledge with the Engineers of the future, please contact Tom Brady at thready@vollmer.com or at (610) 444-6522. Future college visits will include Swarthmore College, Widener University, and University of Pennsylvania.

The Drexel University ASCE Student Chapter is hosting the next Penn-Delaware

Regional Conference on April 25-26, 2003, in Doylestown, PA. The conference includes the Regional Steel Bridge and Concrete Canoe Competitions, a Balsa Wood Bridge Competition, several other design competitions, and a Student Chapter business meeting. The YMF will be assisting with several events in order to increase the practitioner-student interaction. We are still looking for four volunteers who would be interested in being judges for the Balsa Wood Bridge Competition. This event will be held on Friday evening, April 25, 2003. We may also need 3-4 volunteers for the Concrete Canoe Competition or other competitions that will be taking place on Saturday. If you are interested in helping out or learning more, please contact Kevin Aach, Michael Baker Corporation, at kaach@mbakercorp.com.

MARK YOUR CALENDAR! The YMF will be assisting Habitat For Humanity again this year! The date of this volunteer effort will be Saturday, June 7, 2003, from 9AM to 4PM. Habitat for Humanity International is a nonprofit housing organization that has built more than 125,000 houses in more than 80 countries, including some 45,000 houses across the United States since 1976. The YMF is looking for 15 to 20 volunteers to assist Habitat repair a home in West Philadelphia. If you are interested or would like additional information, please contact John Federico, Urban Engineers, Inc., at jefederico@urbanengineers.com.

Member Spotlight

The purpose of the member spotlight is to in-

(Continued on Page 4)



DELAWARE VALLEY GEO-INSTITUTE

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Are you interested in receiving the DVGI monthly newsletter? Add your name to our email list by sending your email address to Mr. Yongli Min, P.E., (yongli_min@urscorp.com) and you will begin receiving our newsletter in November 2002.

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TECHNICAL GROUP ACTIVITIES **Engineering Management Group**

March Joint Luncheon Meeting with Engineers' Club of Phila. and Phila. Chapter, American Society of Mechanical Engineers (ASME)

DATE: Wednesday, March 26, 2003, 12 Noon

LOCATION: Conference Room 18-022, 18th Floor, One Parkway Building, 1515 Arch Street, Philadelphia, PA

PRICE: \$10.00; Students Free

SUBJECT: Phila, School District's \$1.5 Billion 5-Year Capital Program

SPEAKER: Paul Vallas, CEO - Phila. School

For reservations, please call the Phila. Section, ASCE Electronic Message Center: 1-800-461-4190 (Open 24 hours/day).

Younger Member Forum News

(Continued from Page 3)

troduce a fellow YMF member to the Delaware Valley Engineering Community.

Jennifer Walsh, E.I.T., is a Senior Project Engineer at McMahon Associates, Inc., a full-service Transportation Engineering and Planning firm headquartered in Fort Washington, PA. Although Jennifer recently joined McMahon, she has already proven her value in multiple areas of Traffic Engineering, such that her role is rapidly growing into a Project Manager in the firm's Traffic Engineering/Planning Group. Her previous work experience includes serving as Project Manager and Project Engineer on Traffic Engineering and Planning projects for PennDOT, DelDOT. NJDOT, City of Philadelphia and SEPTA. Jennifer received her undergraduate and graduate degrees in Civil Engineering from Villanova University. She is also very active in professional development training and in several professional organizations including ASHE, ASCE, and the Women's Transportation Seminar, as well as ITE, where she serves as Membership Chairperson and holds the position of Eastern Area Program Committee Chairperson for MASITE activities. Jennifer also serves District 2 of ITE as the Awards Coordinator and was on the Local Arrangements Committee for the 2002 ITE National Meeting. She was recently presented with a Certificate of Appreciation in Recognition of Outstanding Service to the Section and her work on the MASITE Annual Meeting. Most notably, Jennifer received a FINALIST award for the 2002 Delaware Valley Young Engineer of the Year. She also commits her time to civic organizations including Big Brother/Big Sister of Philadelphia, St. George Alumni Association, and Delaware Valley's Future City Competition, Engineer's Week where she serves as a mentor.

> Resolve to attend ALL Section Meetings and **Functions This Year!**

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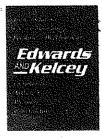
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JANUARY JOINT DINNER MEETING

January 15, 2003

Holiday Inn, King of Prussia, PA

"The New Phillies Stadium"

By Bob Wright, Staff Writer and Sid Robin, Editor

As usual at these Joint Annual Meetings between the Philadelphia Section, ASCE, its Reading Branch, and the Delaware Valley Section, American Society of Highway Engineers (ASHE), an overflow crowd of more than 225 members and guests of the host Societies, and representatives of the ASCE Student Chapter, Alumni and Faculty of the Civil and Architectural Department of Drexel University, enjoyed a delicious dinner, warm fellowship, and a splendid presentation on the subject: "The Construction of the New Phillies Stadium." Principal Speaker was John Stranix, Project Executive, the Philadelphia Phillies.

The meeting was excellently co-chaired by Esther McGinnis, P.E., President of the Delaware Valley Section of ASHE, and Philadelphia Section, ASCE President Ruben D. David, P.E. Sponsor of the meeting was the firm Taylor Wiseman & Taylor, Specialists in Engineering, Surveying, Planning and Landscape Architecture, based in Doylestown, PA. A display of the company's projects was mounted in the main meeting room. Presidents McGinnis and David thanked officials of Taylor Wiseman & Taylor for their generous sponsorship of the meeting.

Each President made announcements of interest and concern to their respective Societies. Preisdent David also thanked ASHE for its accommodations for the meeting and its courtesies.

The Philadelphia Section, ASCE Reading Branch President Gerald Donnelly, P.E. presented a brief review of his organization's agenda, and proudly boasted of its membership growth in recent years.

Urban Engineers, Inc. Award Presented

Philadelphia Section President David presented a 2002 Employer Recognition Award Certificate to Urban Engineers, Inc., Philadelphia, PA. Te award is issued by the National ASCE Committee on Younger Members (CYM), an ASCE Strategic Plan which called for a program to recognize and acknowledge employers who support Younger Member participation in ASCE activities. CYM has been given the responsibility of implementing the Employer Recognition Program. Urban Engineers, Inc. President and CEO, Edward D'Alba, P.E., accepted the Certificate on behalf of the firm, together with other officials of the firm in attendance at the meeting. (See detailed article on this Award to Urban Engineers in the December, 2002 issue of THE NEWS, page 6). Mr. D'Alba, the 2002 Delaware Valley Engineer of the Year, reviewed highlight events of Engineers' Week, which will be celebrated in the Delaware Valley Friday, February 14 to Saturday, February 22, 2003.

Drexel University Night

The meeting honored the ASCE Student Chapter, Alumni and Faculty of the Civil and Architectural Engineering Department of Drexel University. **Dr. Joseph P. Martin, Ph.D., P.E.,** Professor, and long-time affiliate of the Philadelphia Section, and who is serving as the Student Chapter's Faculty Advisor to the Chapter's Concrete Canoe Competition Committee — in preparation for the National Concrete Canoe Competition (NCCC) — thanked his hosts for their courtesies and briefly reviewed the present and future plans for the Department.

Student Chapter Acitivies Described

Drexel ASCE Student Chapter National Concrete Canoe Competition (NCCC) Co-Chair Ed Asbury was introduced by Dr. Martin, He, too, thanked the host Societies for honoring and recognizing the Student Chapter, Ed acknowledged the Chapter Officers and Committee Members: Veronica Ebersole, President; Corey Barber, Vice President; Dan Kaldas, Treasurer; Lori Tappin, Corresponding Secretary; Amanda Castellanos, Recording Secretary; Matt Walicki, Webmaster; T.J. Backlund, Public Relations; Concrete Canoe Chairs - Michelle Nenna, T.J. Backlund, Veronica Ebersole, Justin Meillier. Regional Conference NCCC Co-Chairs: Mark Wilke, Ed Asbury; Student Chapter Faulty Advisor, Dr. Jonathan Cheng, Ph.D., P.E., Associate Professor.

Ed proudly boasted the Drexel Concrete Canoe team is the five-time defending Penn-Del Regional Champions, and went on to place 13th at the National Competition in Madison, WI. This year's team has set high expectations in order to improve that standing. The Chapter has been selected to serve as the host of the 2003 ASCE/MBT National Competition (see previous article in the September, 2002 edition of THE NEWS). Ed presented a brief description of the many other technical and community activities in which the Student Chapter is busily engaged.

Stover Introduces Speaker

Phila. Section. ASCE Vice President Brian Stover, P.E., introduced the evening's Featured Speaker, John Stranix, Project Executive of the Philadelphia Phillies. Mr. Stranix explained that he is employed by the team to coordinate all aspects of the as-yet-unnamed Phillies Ballpark. He also operates his own firm which handles similar duties. He recently worked in the same capacity on the MCI Center effort in Washington, DC.

The "W" Questions

Mr. Stranix opened the meeting with a series of questions — who, what, when, where, why, how — that are frequently asked about the Ballpark. The effort is being spearheaded by the Phillies through its prime Architectural Consultant, Ewing Cole Cherry Brott, and its Construction Manager, Driscoll Hunt. There are numerous other specialty consultants and contractors in the mix, which translate into literally thousands of individuals who are responsible for some aspect of the facility.

The Ballpark is estimated to cost \$453 million. This includes land acquisition (over 120 acres, of which the Ballpark will occupy 21), relocation of several adjacent businesses, realignment of the local street system, rerouting of underground utility lines, and, ultimately, demolition of the Phillies' current home, Veterans Stadium. Almost all of the land not occupied by the Ballpark will be used as parking fields.

Mr. Stranix noted that the Ballpark will have a capacity of approximately 43,000. This is less than comparable new baseball-only facilities such as Camden Yards in Baltimore (50,000) and PNC Stadium in Pittsburgh (46,000). The current trend seems to be moving toward smaller, more intimate settings with better sight lines. Once the "novelty" of the new parks was gone in other cities, the crowds appeared to be decreasing.

Ballpark Characteristics

The Ballpark will have all concessions on the outer ring so that the field will always be in sight, even when fans leave their seats to buy a snack. This is more like recent minor-league venues, such as Campbell's Field in Camden, than major-league ones, and is one major flaw in Baltimore.

Mr. Stranix outlined the geometry and shape of the Ballpark. As in Veterans Stadium, the play-(Continued on Page 6)



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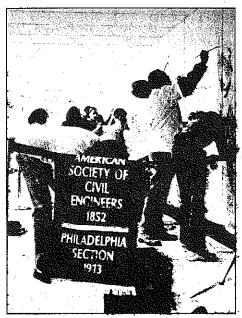
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As part of the Section's continuing effort to get involved in the Community Service and Outreach program, Section President Ruben David (2nd from right) joined other volunteers painting a mural depicting the US flag and Dr. Martin Luther King at MLK High School on January 20th Greater Philadelphia Day of Service. Governor-elect Ed Rendell, Mayor John Street, and other dignitaries participated in the event, which received vast media coverage.

January Joint Dinner Meeting

(Continued from Page 5)

ing field will be below grade (roughly 23 feet below street level). Unlike the Vet, however, the main entrances will be at grade level, so fans will not have to climb long ramps. When fans enter the gates, they will proceed to either the lower bowl or upper-level seating. One downside of the low playing field is that, in addition to being below the grade of the street, it is also below the top of the groundwater table in the area (in places up to 13 feet below). This will require a large lift station to pump out the groundwater. The lift station will have an emergency generator backup, something that the Vet does not have.

Excavation and Fill Problems

The excavation of the site meant that large quantities of material had to be removed. Roughly 440,000 cubic yards was excavated. Extensive testing performed during the design phase identified a small area that might have contaminants, and that proved to be true. Much of the fill would have to be used to fill the site of Veterans Stadium once it was demolished, so it was decided to keep the fill. Without sufficient storage space on the site to keep it, an area near the airfield in the former Naval Base was identified and the material was moved there for temporary storage. The Philadelphia Industrial Development Corporation (PIDC), the new caretakers of what is now the Philadelphia Naval Business Center, was concerned about contaminants in the material that might leach into the soil already on site. To separate the excavated material from the on-site soil, a layer of clean fill was deposited. The surcharge of the excavated material was calculated to result in a possible 4-foot settlement of the in-place soil, so the clean fill was deposited at a depth of four feet to ensure that the new and in-place materials would not co-mingle.

Public Works Adjustments and Reconstruction

Mr. Stranix touched on the street closures, new streets, and utility relocations that were required as a first-priority effort. A major sewer had to be relocated from the bed of former 10th Street, and a portion of sewer had to be constructed in Pattison Avenue. A PECO substation across 10th Street from Veterans Stadium had to be relocated. Two 69-kilovolt oil-cooled PECO transmission lines, which supply almost all of the electrical power to the Food Distribution Center and much of adjacent areas of South Philadelphia, had to be relocated around the footprint of the Ballpark. This work became particularly difficult given the busy nature of the roadways in the Sports Complex area.

The Ballpark required that two active businesses on the site be moved. One was relocated to the former Acme warehouse on Pattison Avenue, but it could not leave its former building on 10th Street until the new site was ready. A cold storage warehouse on Pattison Avenue remains, but will be demolished this spring.

Once the Ballpark becomes operational in Spring 2004, Mr. Stranix explained that Veterans Stadium will be prepared for demolition. Experts are now reviewing the site. No method has been determined yet, but implosion is not being ruled out, especially given the success of this method in other similarly-constrained areas in Pittsburgh and Cincinnati. The recent successful implosion of the nearby Naval Hospital to clear the current site of the Eagles practice facility demonstrated that this method could successfully be implemented in this area.

Mr. Stranix closed the presentation with a computer-graphic "flyover" of the new Ballpark.

In response to several questions, Mr. Stranix offered additional information. There is some limited capacity for expansion of seating, if it is needed. ADA-type considerations for disabled fans will provide seating locations which will allow seated patrons to have a clear view of the playing field even if the person directly in front is standing. The current accessible seating in Veterans Stadium does not provide this, and Mr. Stranix admitted that the Vet was not designed to accommodate the disabled very easily. The floorplan of the Ballpark will be much more amenable for disabled fans with its street-level access.

The Phillies will own, operate and maintain the Ballpark. It has a 50-year design life. Veterans Stadium was also built with this criteria, but it has not been maintained well, and its economic life has, for the most part, expired.

Once Veterans Stadium is demolished, the site will become a parking field.

Question and Answer Discussion

In a lively question and answer period following Mr. Stranix's talk, several important elements

were addressed. Some highlights:

- Were there to be provisions for the handicapped? Yes, adequate provisions were designed for wheel-chair attendancts.
- Is there planning for accommodations for excess seating? For example, if the Phillies were to play in the World Series? Yes, this possibility has been planned for.
- Discussion of maintenance characteristics; anticipated 50-year operating economic life of the stadium (compared to much shorter period for Veterans Stadium).
- Vibrations and other contingencies to adjacent buildings when Veterans Stadium is imploded.
- Maintenance, drainage and other special engineering challenges of the proposed special natural turf.

Both ASHE President McGinnis and ASCE President David presented Gifts of Appreciation to our excellent speaker, on behalf of their respective Societies.

2003 DELAWARE VALLEY SCIENCE FAIRS

The Philadelphia Section, ASCE, will again be participating in the Annual Delaware Valley Science Fairs. This year's Fairs' judging day will be Wednesday, April 2, 2003 at the Fort Washington Expo Center, Fort Washington, PA. As in the past, the Section will be judging, and subsequently presenting Special Awards. Our Section is looking for 6 to 8 judges to participate in our judging, with the Science Fairs needing approximately 500 judges.

For further information and /or to volunteer as a judge, please contact Philadelphia Section First Past President Chris L. Rood, P.E. at (856) 461-9565, ext 102 or via e-mail at C-T-Rood@msn.com.

CODE OFFICIALS NEEDED

The (Structural Engineering Institute) SEI/ASCE Standards Committee for Condition Assessment and Rehabilitation of Buildings is seeking two or three regulatory or code officials for committee balance. The committee is responsible for ASCE 11-99, "Structural Condition Assessment of Existing Buildings", and ASCE 30-00,

"Condition Assessment of the Building Envelope." Both standards are being updated. Attendance at meetings is not required. For more information, contact Carl Baumert at 215-625-0099, or CAB@keast-and-hood.com.

Thanks for whatever help you can give us, including leaning on people.

VOLUNTEER OPPORTUNITIES

Sandra May, the ASCE Community Service Chairperson, is looking for volunteers to describe Civil Engineering to disadvantaged students. At this time, seeking to send an engineer to Harrity Elementary School in West Philly (near 56th and Christian). If you are interested in helping out, or if you would like more information on the program, please contact Sandra at (215) 841-5269.

PHILA. SECTION, ASCE PRESENTS THE 7" ANNUAL STUDENT PROJECT MALL DISPLAY

Co-Sponsred by The Delaware Valley Engineers' Week Council and Drexel University

Granite Run Mall

Intersection of Routes 1 & 352, Media, PA (see mall directions below)

> Saturday, February 22, 2003 10:00am to 1:00pm

> > Featuring

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Admission is FREE

Bring the family and join us in judging Future City Models for a special ASCE Civil Engineering award and informing citizens of the value of engineers as we cultivate interest in math, science and engineering among the Delaware Valley's youth - tomorrow's work force. For information, contact Sandra May at (215) 841-5269.

Mall Directions: Located at the intersection of Route 1 and Route 352 in Media, Pennsylvania, Granite Run Mall is 20 miles from Philadelphia, and easily reached by Routes 476, I-95, and I-202. Phone: (610) 565-1650

From King of Prussia: Take Route 422 East /76 to 476 South to Route 1 (Exit 5), Springfield/ Lima (Old Exit 3). Go South on Route 1/Baltimore Pike about 5 miles.

From North New Jersey: Take the NJ Turnpike to the PA Turnpike. Exit at 25A (Mid-County). After you pay your toll at 25A, you will be on 476 South (the Blue Route). Stay on 476 South until Exit 5, Springfield/Lima (Old Exit 3). Exit onto Route 1 South/Baltimore Pike about 4 miles. The mall will be on your right.

From Allentown: Go South on 100 to 202 to Route 1. Turn left (pass 322 and 452), The mail is on the left.

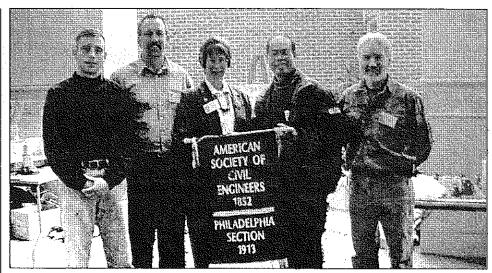
From Delaware: Take 95 North to Exit 452 North to Route 1. Turn right. The mall is on the

From Exton: Go South on 202 to Route 1. Turn left. You will pass 322 and 452. The mall is on the left.

From Philadelphia: Take 95 South to 476 North to Exit 5, Springfield/Lima (Old Exit 3). Go South on Route 1/Baltimore Pike about 5 miles on right.

From South New Jersey: Take the Commodore Barry Bridge to West 322. It's a short distance to 452 North to Route 1. Turn right, and the mall is on the left.

Public Transportation: Take Route 110 bus from the 69th Street Terminal.



Pictured from left to right are: Christopher Menna, Section Director and 2003 Delaware Valley Young Engineer of the Year: Chris Rood, Immediate Phila. Section Past-President; Susan Best, Ruben D. David, Phila. Section President; and Thomas Branigan, Phila. Section Past-President. Not pictured are Brian Stover, Phila. Section Vice President; Joseph Syrnick, Phila. Section Past-President: and Edward D'Alba, 2002 Engineer of the Year, who volunteered as judges at the Philadelphia Regional Future City Competition on January 25, 2003 held at Widener University. The event was a kick-off to the 2003 National Engineers' Week celebration which will take place from February 14-22, 2003.

ANG ASSOCIATES, INC. **Company Profile**

Ang Associates, Inc. is a multi-disciplined certified minority-engineering firm serving Philadelphia and the Mid-Atlantic States region. The firm, formed in 1977, provides high quality engineering services through registered professionals in the civil, structural, geotechnical, mechanical, and electrical disciplines.

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Ang Associates is proud to have provided major engineering/design contributions to landmark projects in the region, including: Eagles Stadium; Kimmel Center for the Performing Arts; Suburban Station Concourse Renovation; SEPTA's Market Street Elevated and Frankford Elevated Reconstruction Projects; and the statewide Pennsylvania Public Safety Radio Project.

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ENGINEERS WEEK IS COMING!

The 2003 celebration of Engineers Week will take place from Friday, February 14 to Saturday, February 22, 2003. As you may be aware, Engineers' Week is held in February each year to highlight the birthday of our nation's first president, George Washington, who supported extensive engineering and surveying activities throughout his military service. It is a time during which various engineering accomplishments throughout the nation are cited and honored. Locally, Engineers' Week programs have been held since 1953, and these include the selection of the Delaware Valley Engineer of the Year, the Delaware Valley Young Engineer of the Year, and other honors.

Engineers' Week's activities will kick off with the Proclamation Luncheon at the Union League on Friday, February 14. The 2003 Delaware Valley Engineer of the Year. Robert Rodgers, will be the guest of honor. The 2003 Delaware Valley Young Engineer of the Year candidates will be cited at a dinner on Wednesday, February 19. The culmination of the Week's events will be the Engineers Week Banquet at the Inn at Penn on Saturday, February 22. The Banquet will recognize the Engineer of the Year, the Young Engineer of the Year, the Outstanding Engineering Achievements in the Delaware Valley. the Outstanding Math and Science Teachers, Student Paper Contest winners, Scholarship recipients, and the winners of the local Future City Competition.

Tickets for these events can be obtained from the Engineers Club of Philadelphia (for more info, visit the Club's website, www.engrelub.org).

Proclamation Luncheon

Friday, February 14, 2003 11:30 AM reception, 12 Noon lunch Union League, 140 S. Broad Street Tickets \$30 each

Delaware Valley Young Engineer of the Year Dinner

Wednesday, February 19, 2003 5:30 PM reception, 6:15 PM dinner Williamson's Restaurant, Belmont and City Avenues (GSB Building), Bala Cynwyd Tickets \$35 each

Engineers Week Banquet

Saturday, February 22, 2003 6:00 PM reception, 7:00 PM dinner Inn at Penn, 3601 Walnut Street Tickets \$50 each

Several Section members have been honored as Engineers of the Year and Young Engineers of the Year. These include, most recently, the 2002 Engineer of the Year, Edward D'Alba, and the co-recipient of the 2002 Young Engineer honors, Carol Martsolf. The Section is additionally well represented on the Delaware Valley Engineers Week Council, which coordinates Engineers Week activities locally.



General photo of Phila. Section's Younger Member Forum 7th Annual Winter Social at McGillen's Olde Ale House January 9, 2003.

NEW MEMBERS

The Philadelphia Section, ASCE welcomes the following new members:

Bruce Cosaboom, Anthony J. Kelly, John K. Gares, Jeffrey W. Dodson, Michael H. Marcus, Robert J. Price, Darren T. Hopper, Mark A. Havers, Kari F. Reap, Jeng-Jong Lee, Jayant Pandya, Brian W. Miller, Frank K. Kyei-Manu, Angel R. Carrasquillo, Timothy B. Carlin, John G. Fkiaras, Alexey Rostapshov, Martin E. Rosen, Howard L. Dunn III, Julie L. Poeschel, Alfred J. Tomaselli IV, Carlos M. Englert, Metin Duran, Robert R. Chase III, Robert DiCinno, Joe L. Romano, William P. Camara, Marcel K. Tchaou.

CHRISTOPHER J. MENNA, PE YOUNG ENGINEER OF THE YEAR 2003

Our congratulations to Chris Menna, P.E., Section Director, for being selected Delaware Valley Young Engineer of the Year - 2003 by The Engineers' Club of Philadelphia. He will be honored at the awards presentation on February 19, 2003 at Williamson's Restaurant, GSB Building, Belmont and City Line Avenues, Bala Cynwyd, PA. Reception will start at 5:30PM followed by dinner at 6:15PM and awards presentation. Dinner cost is \$35 per person. Reservations must be made by calling The Engineers' Club of Philadelphia at (215) 985-5701. Please join in congratulating Chris for this prestigeous award.

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E-mail: pazuniak@mindspring.com

HELP WANTED

The Phila. Section, ASCE, needs your help! Become a volunteer for a Section Technical Group or following committees (see list on page 10).

Administrative Committees: Awards and Prizes; Professional Practice/150th Anniversary; 150th Anniversary.

Standing Committees: Nominating; Humphrey Fund Trustees.

Special Committees: Bylaws; Audit; Membership; Diversity and Women in Civil Engineering; Government Affairs; History and Heritage; Program; Publications; Website; National Society. Awards; Phila. Section Awards; Scholarships; Educational and Outreach; Public Relations; Community Services; Delaware Valley Science Fairs; Delaware Valley Engineers' Week; Salary and Benefits Survey; Annual Spring Social; Sponsorship

For further details, please contact Section President Ruben D. David either by:

E-mail: ruben.david@phila.gov

Rubenddavid2@juno.com

Phone: (215) 683-4477 or 1-800-461-4190

Mail: Philadelphia Section, ASCE

P.O. Box 58186, Phila., PA 19102-8186

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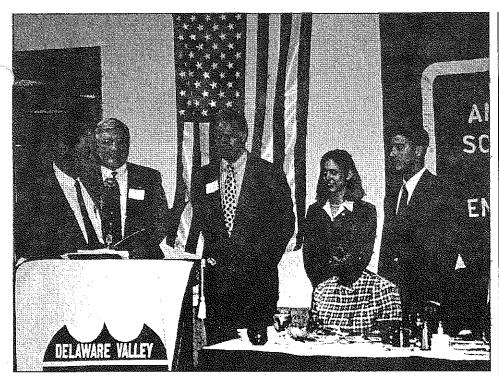
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Phila. Section, ASCE President Ruben David presenting the National ASCE 2002 Employer Recognition Award to Urban Engineers, Inc., Philadelphia, PA, at the January 15, 2003 Joint Dinner Meeting with the Delaware Valley Chapter, American Society of Highway Engineers (ASHE). Representing Urban are (from left) Joseph McAtee, Executive Vice President; Edward D'Alba, CEO and President; Alyson Lester, Phila. Section Assistant Secretary; and John Federico, Chairman YMF Community Services Committee.



John Stranix, Project Executive, Philadelphia Phillies, speaking on the new Phillies Ballpark Project in front of the ASHE Delaware Chapter and ASCE Philadelphia Section Joint Meeting on January 15, 2003.

TECHNICAL GROUP ACTIVITIES

(Continued from Page 4)

Engineering Management Group and Construction Group

Joint Luncheon Meeting

DATE: Wednesday, April 23, 2003, 12:00 noon LOCATION: One Parkway Building, 1515 Arch Street (16th and Arch Streets), 18th Floor, Conference Room 18-022, Philadelphia, PA

PRICE: \$10.00. Students \$5.00.

SUBJECT: CON/SPAN Bridge Systems
SPEAKERS: Richard Tate and William Gray,
BridgeTek Bridge Technologies, LLC

Richard Tate and William Gray will discuss BridgeTek's innovative precast modular bridge system. The program will include the installation process, local and national applications, hydraulic considerations, siting considerations, and other related topics. It promises to be a very interesting topic for all Civil Engineers.

For reservations, please contact Dennis MacBride, P.E. at (215) 568-6500 or William Mulloy, P.E. at (215) 656-6583 no later than Wednesday, April 16, 2003.

***Please note that a photo ID is needed to enter the building ***

A businesswoman is sitting at a bar. A man approaches her. "Hi honey," he says. "Want a little company?" "Why?" asks the woman. "Do you have one to sell?"

TECHNICAL GROUP ACTIVITIES Delaware Valley Geo-Institute (DVGI)

Feb ruary Dinner Meeting (Career Fair)
DATE: Wednesday, February 19, 2003

Social Hour 5:30 pm; Dinner 6:00 pm; Presentation 7:00 pm

LOCATION: University of Pennsylvania campus, Houston Hall, Bodek Lounge, Room 100, Philadelphia, PA

COST: \$25 Members and Guests; Students \$5

The February DVGI Dinner Meeting is intended as a forum to introduce Geo Professional and university Geo Students from the Delaware Valley for the purpose of their mutual benefit. To this end several Geo Companies will be available to discuss career opportunities with students from area universities. To date, the following companies have committed to have representatives present to discuss career opportunities:

Duffield Associates, Inc.; www.duffnet.com Contact Guy Marcozzi at gmarcozzi@duffnet.com

NTH Consultants, Ltd

Phil Gauffreau at pgauffreau@nthconsultants.com

Schnabel Engineering Associates, Inc.

Allen Cadden at acadden@schnabel_eng.com

Schnabel Foundation Company;

www.schnabel.com

Contact Frank Vibbert at sfc06pa@aol.com

URS Corporation

Contact Yongli Min at yongli_min@urscorp.com

Several Universities have been invited to participate in this event. Students from the following Universities have been notified by Department contacts listed below:

Delaware (Contact: Dr. Dov Leshchinsky)
Drexel (Contact: Dr. Joe Wartman)
La Salle (Contact: Dr. Hank Bart)
Penn (Contact: Dr. Ed Doheny)
Temple (Contact: Dr. Fred Schmidt)
Villanova (Contact: Dr. Andrea Welker)
Widener (Contact: Dr. Jie Han)

There are a limited number of seats available for both the Dinner and the Student presentations. The seating for Dinner is limited to 60 people, and the seating availability for the Presentations is limited to 80 people. For reservation, please contact Ms. Lee Stanish at (610) 277-2950.

Students from University of Pennsylvania, Widener University, and University of Delaware will make presentations at the meeting.



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PHILADELPHIA SECTION, ASCE HUMPHREY FUND SCHOLARSHIPS

The Philadelphia Section, ASCE, is pleased to announce the availability of the following types of undergraduate scholarships for 2003. Scholarships will be awarded at our Annual Spring Social Dinner-Dance, on **Friday**, **May 2**, **2003**, at the Sugarloaf Conference Center, Temple University, Chestnut Hill, PA.

Type of Award:

We recognize that the different colleges have differences in the regulations as to scholarships, stipends and awards. It is the Philadelphia Section's intent to provide these awards to give the maximum financial support to the individual engineering student within his/her college's rules. Therefore, the form of award will be that most beneficial to the student consistent with his/her college regulations. Unless indicated otherwise by the student, a check in the name of the award recipient will be presented. No two (2) scholarships will be awarded to the same student.

Scholarship Type 1

It is anticipated that up to three (3) scholarships, each worth up to \$2,000, will be awarded. The number and amount of the actual awards remains at the discretion of both the Section's Scholarship Committee and the Section's Board of Directors.

Eligibility Requirements:

- The student must be matriculating in a fulltime Civil Engineering or Architectural Engineering program in one of the six-(6) colleges in the Philadelphia Section region (Drexel University, University of Pennsylvania, Swarthmore College, Temple University, Villanova University or Widener University).
- 2. The student must be an active participant in the ASCE Student Chapter.
- Students in their sophomore and junior year (and Pre-Juniors at Drexel) are eligible to submit.

Submission:

The candidate must submit the following to his/her Faculty Advisor:

- An essay, limited to 1,000 words, on "Why become a civil engineer?" is required.
- The candidate's name, GPA and/or class rank and an address/telephone number where they can be reached must be included. Additional information for consideration (such as need) is allowed. A letter and/or resume is an acceptable means to provide this information.

Faculty Advisor Evaluation:

Each Chapter's advisor will evaluate all their candidates and select two (2) for submission to the Philadelphia Section's Scholarship Committee (address under "Deadline" below). The GPA and/ or class rank should be verified as they may be used by the Scholarship Committee in their evaluation. If the university does not release class rank, the advisor should provide some indication as to the candidate's standing. The advisor will formally nominate these candidates by including a

letter of endorsement from a member of the faculty along with the submission.

Section Evaluation:

The Section Scholarship Committee will evaluate all nominations and select award recipients for scholarships or other form of stipend.

Awardees will be invited guests at our Annual Spring Social Dinner-Dance on May 2, 2003 to receive their awards and will be asked to participate in future ASCE educational outreach activities.

Submission Deadline:

Submissions must be made to the faculty advisor by Wednesday, March 14, 2003. Faculty Advisors must submit their nominations to Mr. Allan F. Moore, Jr., PE, President-Elect of the Philadelphia Section, ASCE at Philadelphia Section - ASCE, P.O. Box 58186, Philadelphia, PA 19102-8186 postmarked by Friday, March 21, 2003. The President-Elect will forward all submissions to the Section's Scholarship Committee.

Scholarship Type 2

One (1) scholarship, worth up to \$2,000, will be awarded.

Eligibility Requirements:

- The student must be the child of an active Philadelphia Section member.
- The student must be matriculating in a fulltime Civil Engineering or Architectural Engineering program
- 3. The student must be an active participant in the ASCE Student Chapter.
- 4. Students in their sophomore and junior year are eligible to submit.

Submission:

To apply for this scholarship, the candidate must submit the following:

- An essay limited to 1,000 words on "Why become a civil engineer?" is required.
- The candidate's name, GPA and/or class rank and an address/telephone number where they can be reached must be included. Additional information for consideration (such as need) is allowed. A letter and/or resume with an official transcript are an acceptable means to provide this information.
- Two letters of recommendation. One must be from one of the civil engineering program faculty members, and the other may be from another faculty member, present or past employer, or other responsible person. The recommenders should send their letter of recommendation directly to the Section's President-Elect at the address noted under "Submission Deadline", to arrive no later than the deadline date.

Section Evaluation:

The Section's Scholarship Committee will evaluate all submissions and select the award recipients.

Awardees will be invited guests at our Annual Spring Social Dinner-Dance on May 2, 2002 to receive their awards and will be asked to participate in future ASCE educational outreach activities.

THANKS TO OUR SPONSORS

We have expanded our Section Sponsorship program this year. Many of our local firms have responded to this. These firms have made the commitment and their business cards are included in the pages of THE NEWS.

If your firm has not already decided to become a Section Sponsor, we hope you will review the many benefits available to our sponsors, and we welcome your support. We are sure you would like to see your firm's card along with the others in THE NEWS.

To those of you have decided to become a Section Sponsor, we offer our collective "Thank You", and we look forward to your continued support. This support helps the Phila. Section provide our various activities and programs for our membership. This indirectly helps our community as well, as we continue to expand our outreach programs to "spread the word" as part of our VOICE (VOlunteering In Civil Engineering) effort.

Various benefits are available to your firm as a Section sponsor. Your business card appears in THE NEWS, and this remains the most visible evidence of your support. If you have attended any of our Section meetings thus far, you have also seen our poster with your logo on it prominently displayed in the meeting room.

Several of you have taken advantage of the Meeting Sponsor opportunity available to Section sponsors. As such, you are welcome to bring company representatives, literature, displays, handouts, and "give-aways" at a specific meeting at which your firm will be featured. If you have not yet signed up to sponsor an upcoming meeting, and would like to do so, please let us know. We have four Section meetings remaining this season and not all have been slated for sponsors.

You are able to place two employment want ads on the Section website during the season, free of charge. Again, if you require this service, we can offer it to you.

You are eligible for two free dinners at any Section meeting during the season, not including the Spring Social. And, speaking of the Social (it is literally right around the corner, May 2, 2003), your business card ad will be included in the event program for our annual Spring Social and Dinner Dance. This year, the Social will highlight our 90th Anniversary.

We hope this reminder is useful for you, and we hope you will take full advantage of the benefits your firm has as a Section sponsor. We thank you for your continued assistance and generosity in this regard.

Submission Deadline:

Submissions must be made by Friday, March 21, 2003 to Mr. Allan F. Moore, Jr., PE, President-Elect of the Philadelphia Section at Philadelphia Section - ASCE, P.O. Box 58186, Philadelphia, PA 19102-8186.

VILLANOVA ASCE 2002

Coming Soon:

www.engineering.villanova.edu/asce

What we've been doing in 2002:

Monthly meetings with speakers
 Remediation of subsurface contamination
 Younger Members Forum panel discussion
 Innovative Geosynthetics
 Demolition Construction

- Steel Bridge Competition Third place overall
- Concrete Canoe Competition Fourth place overall
- ASCE Workshop for Student Leaders Hartford, CT January 18, 19, 20
- Website: www.engineering.villanova.edu/asce
 Up & running before the end of the semester!
- · Volunteering

Friends of the Wissahickon Villanova University Thanksgiving basket Villanova Christmas tree ornament & donation

· Weekend Sailing Eexcursion

The officers joined Professor Falcone aboard Bright Venture

· Scholarship Opportunities

SECTION TO CELEBRATE 90TH ANNIVERSARY THIS YEAR

On the Section's masthead and shield, our founding date is indicated as 1913. This means that the Section will be celebrating its 90th birthday this year.

The Section's Board asked the question that's on everyone's minds, which is "When exactly was the Section started?" We asked our Section historian, Editor of THE NEWS Sid Robin, and he was not certain of the exact date. (Some of us swear he was there when this happened, but Sid tried to convince us that he was not yet born in 1913, let alone active in any Section activities. We are still not certain of this, but we'll take Sid's word for it!)

A check of the records indicates that the Section's Constitution and Bylaws document was proposed to ASCE National on October 17, 1912. The Constitution and Bylaws were approved by National on June 4, 1913. It is believed that this approval signaled the start of the Section, and our first President, George Webster, served for the 1913-14 season.

To put things into historical perspective, the 28th President of the United States, Thomas Woodrow Wilson, was inaugurated on March 4, 1913. Another notable occurrence in 1913 was Congress' passage of legislation creating a federal income tax (something that we are probably starting to think about this time of year?)

At our Spring Social and Dinner Dance on May 2, 2003, we will officially start the celebration of our 90th anniversary, and this will continue throughout the 2003-04 season.

MARK YOUR CALENDARS FOR MARCH 20, 2003!

Joint Dinner Meeting
DATE: Thursday, March
20, 2003

LOCATION: The Union League of Phila., 140 S. Broad St., Phila., PA

Cocktails – 5:30pm; Dinner – 6:30pm; Meeting 7:30pm



PRICE: Members & guests \$30; Students \$15 SUBJECT: SEPTA's Vision

SPEAKER: Faye Moore, General Manager, SEPTA

Faye Moore, the first woman and African American to be the General Manager of the Southeastern Pennsylvania Transportation Authority (SEPTA) will be our honored guest speaker. Come out and see her presentation and ask her questions! This meeting will also feature Patricia Galloway, the first woman to be President-Elect of ASCE National. This is a Joint Meeting of the Phila. Section, ASCE with Women's Transportation Seminar, the American Concrete Institute and the Mid-Atlantic Section of the Institute of Transportation Engineers. We are proud to recognize March as National Women's History Month. STV Incorporated is proud to be the Corporate Sponsor.

Call ASCE's hotline at 1-800-461-4190; or email to the Section at info@asce-philly.org. See you there!

tional ASCE member since college days (almost a course requirement!) and holds the rank of Fellow and Life Member. He has been Chairman of Publications and Editor of THE NEWS (we kid you not!) now in his 63rd year of tenure. He was President of the Phila. Section in 1962-63 and authored the 50th Anniversary Anthology of the Section during that year. He was National ASCE Chairman of Publications in 1970. Other Technical Societies affiliations include: Life Member of, Philadelphia Chapter PSPE; Past Member, Home Builders Association of Philadelphia.

Community Organizations Affiliations

ASCE Representative Citizens' Council on City Planning; Philadelphia Fellowship Commission; Mayor's Science and Technology Advisory Council (M-STAC), (Citation Award in 1974 for paper establishing structural and economic evaluation standards for abandoned housing in Philadelphia); Ward Committeeman, Philadelphia and Bucks County; Engineering Advisor, Bucks County Civic Association.

Hobbies and Avocational Activities

Tennis player (high school captain and member of Drexel Varsity team four years, including one year as Middle Atlantic Conference Champions); golf (as rank amateur!); lifetime devotion to music as participant, director and principal violinist in several community and professional orchestras in Philadelphia and Bucks County; and chamber ensemble participation.

Section Profiles

Gerald Donnelly, P.E. President, Reading Branch

A Registered Professional Engineer in 15 states who has been an ASCE member since 1985. A native of Scotland, he received his degree in Civil Engineering from the University of Paisley in 1983. He began his professional career with Ward, Ashcroft and Parkman, a transportation consulting firm in Liverpool, England. Soon after, he emigrated to the United States and joined STV Incorporated, the firm that he had spent two previous co-op terms with in 1981 and 1982. During the 19 years he has been with STV, Gerry has progressed through various roles in the Civil, Structural and Environmental Departments. He is presently Vice President and Operations Manager of STV's Environmental Region and Pipeline Services Group. He has been an active member of ASCE and is the current President of the Reading Branch. He lives in the Reading area with his wife Jane and their three children. Gerry has been active in his community as a youth soccer coach and board member of his local club for over 10 years.

Sid Robin, P.E. Chairman of Publications, Editor of THE NEWS



Sid earned his B.S. in Civil Engineering at Drexel University (Cooperative Education Course). He is a Registered Professional Engineer in Pennsylvania, and also a Licensed Real

Estate Broker in PA. He gained invaluable experience during work periods during the Cooperative Education Engineering Program at Drexel. The experiences included employment with major building companies on large projects; a temporary classification with the U.S. Army Corps of Engineers on Tidal Power and Dam Development Projects and the Tennessee Valley Authority. After graduation, Sid was a civilian consultant with the U.S. Navy; private engineering consultation; real estate brokerage practice; residential and commercial building design and land development; feasibility consultant to other builders and real estate companies on residential and commercial tract building.

Since retiring from active building projects, Sid has been performing consultant services, principally in structural evaluation of properties for mortgage companies, real estate firms and private individuals; and renovation and rehabilitation design for distressed residential and commercial buildings.

ASCE Activities

Sid has been a Philadelphia Section and Na-

JOIN THE SECTION'S TECHNICAL GROUPS

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Brian Stover, P.E., Chairman Urban Engineers, Inc. 530 Walnut St., 14th Floor Philadelphia, PA 19106 (215) 922-8080

Structural

Dr. Mohiuddin (Ali) Khan, P.E., Chairman Manager, Bridge Division
STV Incorporated
820 Bear Tavern, Suite 105
Trenton, NJ 08628
(609) 530-9618

Transportation

Chris L. Rood, P.E., Chairman

DMJM+HARRIS 126 Franklin St. Riverside, NJ 08075 (856) 461-9565

Engineering Management

Dennis Mc. MacBride, P.E., Co-Chairman HNTB Corporation 8 Penn Center, 7th Floor 1628 John F. Kennedy Blvd. Philadelphia, PA 19103 (215) 568-6500

William J. Mulloy, P.E., Co-Chairman U.S. Army Corps of Engineers Wanamaker Building 106 Penn Square East Philadelphia, PA 19107-3390 (215) 656-6583

Delaware Valley Geo Institute (DVGI)

Craig R. Calabria, Ph.D., P.E., Chairman GeoSystems Consultants, Inc. 514 Pennsylvania Avenue Fort Washington, PA 19034 (215) 654-9600

Allen W. Cadden, P.E., Liaison Schnabel Engineering Associates, Inc. 510 East Gay Street West Chester, PA 19380 (610) 696-6066



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IMPORTANT! 2002-2003 MEETING NOTICES

MARK YOUR CALENDAR NOW! The dates of the Philadelphia Section, ASCE monthly meetings and social functions, are as follows: (Check each upcoming edition of THE NEWS for additional details, possible date and topic changes.) THIS IS A TENTATIVE LIST.

ALL DINNER MEETINGS (except as noted):

Cocktails - 5:30 pm; Dinner - 6:30 pm; Meeting - 7:30 pm

Students: All dinner and/or luncheon are at discounted price. If you prefer, you are welcome to attend all meetings after dinner or luncheon, at no charge.

Thursday, March 20, 2003

Joint Dinner Meeting with Delaware Valley Chapter, American Concrete Institute (ACI) and Women's Transportation Seminar (WTS) • Union League • "SEPTA's Vision" • Speaker, Faye Moore • Swarthmore University Night • Life Member Night

Thursday, April 10, 2003

Joint Dinner Meeting with the Construction Management Association of America (CMAA) • Union League • "City Planning" • Speaker, Dr. Gary Hack • Widener University Night • Past

President's Night

Friday, May 2, 2003

The Phila. Section, ASCE Annual Spring Dinner Dance and Presentation of Awards • Sugarloaf Conference Center, Chestnut Hill. PA • Details to be announced.

THE PHILADELPHIA SECTION E-NEWS AN ALTERNATIVE TO THE MAIL

The Phila. Section, ASCE Board of Directors is currently exploring ways to reduce the Section's operating expenses while continuing to provide a high level of service to the membership. One possible reduction method we are considering is to offer our membership the opportunity of receiving THE NEWS via e-mail vs. through the US Postal Service. If you opt for e-mail delivery, your copy of THE NEWS should arrive 7-10 calendar days ahead of the US Postal Service delivered version. E-mail delivery will not only be quicker than the current method, but it will save the Philadelphia Section considerable printing and mailing charges as well. Another advantage with an electronic version is that you can forwar THE NEWS to others interested in our Section's activities. E-mail receipt of THE NEWS will require downloading a free copy of Adobe Acrobat Reader 4.0 with receipt of your first edition of THE NEWS.

At this time we are providing members with a survey form to elicit their opinion of how they would like to receive THE NEWS in the future. If we do not hear from you we will assume that you want the USPS option.

E-mail THE NEWS to me @		
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Your e-mail address is necessary since we are updating our database and it will help us to better serve you. You can: call in your response to the survey at 1-800-461-4190 (24 hours a day); e-mail your response to us at info@asce-philly.org or mail your response to PO Box 58186, Philadelphia, PA 19102-8186.

Be sure to include your name, address, e-mail address(es), if applicable, and your ASCE Membership ID Number with your preference.

JBC Associates, Inc. Company Profile

Celebrating its 15th anniversary, JBC Associates, Inc. provides professional construction management ranging from CPM scheduling, cost estimating, inspection, contract administration, and project management oversight to claims avoidance and resolution services. Project experience includes bridges, highways, airports, transit facilities, buildings, schools and correctional facilities. We provide services during all phases of project development — planning, design, construction, and post construction — for traditional design/build and design/build delivery systems.

JBC Associates is a certified Woman/Disadvantaged Business Enterprise. We are one of the

area's largest women-owned businesses and ranked among the Philadelphia area's Top 100 Fastest Growing Privately Held Companies. We attribute our success to the dedication, professionalism and objectivity shown our clients in successfully managing their projects.



Karen Jehanian, PE President

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