

the news



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AMERICAN SOCIETY OF CIVIL ENGINEERS

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

Electronic Message Hotline: (215) 934-3639 (24 hours a day)

Vol. 68-2

Our 82nd Year

November, 1995

NOVEMBER JOINT DINNER MEETING

Philadelphia Section, American Society of Civil Engineers
Delaware Valley Chapter, American Public Works Association

THURSDAY, NOVEMBER 9, 1995

WILLIAMSON'S • GSB Building • City Line Ave. • Philadelphia • (See Location Map Below)
Cocktails - 5:30 p.m. • Dinner - 6:30 p.m. • Meeting - 7:30 p.m.

SUBJECT: Philadelphia City-Wide Geographic Information System

SPEAKER: David A. Baldinger, Deputy Director, Philadelphia City Planning Commission

SPECIAL FEATURE: SWARTHMORE COLLEGE NIGHT

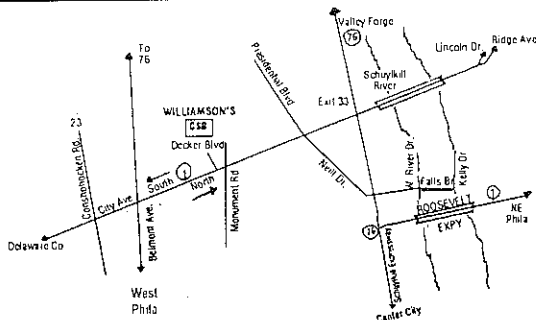
The ASCE Student Chapter, Alumni and Faculty of the Civil Engineering Department of Swarthmore College will be honored at this meeting. All Students, Faculty, and Alumni are cordially invited.

For the past several years, the Philadelphia City Planning Commission has been working to develop a geographic information system to meet the mapping and data needs of the Commission and other City agencies and departments. This effort began at the Planning Commission with the desire to find a more efficient method of maintaining the Commission's base mapping system that is used by the staff to support day to day planning activities. Early on it became clear that computerizing the drafting of maps was only going to be the first step in a much larger effort to develop a comprehensive mapping and information system that would not only meet the needs of the Commission, but would become the foundation of a mapping and land records system serving all of City government.

Today the initial steps toward creating an enterprise GIS have been accomplished with the digitizing of the Commission's parcel, street centerline and zoning maps. The Commission's next GIS development effort includes the merging of the existing land record data bases of the City with the parcel maps already created. Other departments — including the Streets Department and the Water Department — are building GIS applications based upon the early work of the Planning Commission, and the Records Department's Document Imaging Project is being coordinated with these GIS ef-

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RESERVATIONS ARE REQUIRED. Please send your check for the number of attendees @ \$25 per member or guest; \$13 ASCE Student members, payable to the Phila. Section, ASCE, P.O. Box 58186, Phila. PA 19102-8186; or call the Electronic Message Center: (215) 934-3639 (open 24 hours/day). Deadline for reservations is **Monday, November 6, 1995.**



LOCATION MAP
for
**Williamson's
GSB Building,
City Line Ave.,
Philadelphia**

TECHNICAL GROUP ACTIVITIES

Geotechnical and Environmental/ Water Resources Groups

(Combined Program for 1995-96)

November Meeting

Date: **Tuesday, November 14, 1995, 6:30 pm**

Location: LeBow Conference Room, Computer Aided Technology (CAT) Building, 31st & Market Streets, Drexel University, Philadelphia, PA

SUBJECT: "Forensic Investigation of a Landfill Failure at the Kettleman Hills Facility"

SPEAKER: Michael Monteleone, Senior Project Engineer, Eckenfelder, Inc.

On 19 March 1988, a failure occurred in a Class I hazardous waste landfill located at the Kettleman Hills Facility located near Kettleman City, California. The failure involved the sliding of approximately 440,000 cubic meters (580,000 cubic yards) of waste on the landfill liner system. The waste mass slid approximately 11 meters (35 feet) horizontally and 4 meters (14 feet) vertically causing extensive damage to the geomembrane, geonet, and geotextile components of the double composite liner system.

This presentation discusses the details of the investigation/sampling plan and the failure features uncovered during the waste and composite liner excavation. During the investigation, a tremendous amount of field and laboratory data were generated which provide valuable insight to the performance of composite liner systems, in particular geosynthetics.

For further information on this or future meetings, please contact **Timothy Laumakis** at CH2M Hill, (215) 563-4220.

Engineering Management Group

January Luncheon Meeting

Date: **Wednesday, January 31, 1996, 12:00 Noon**

Location: Municipal Services Building, 16th Floor, Room E, Philadelphia, PA

SUBJECT: The Internet: Applications For Engineers

SPEAKER: Daniel Brouse, President of the GWC Corporation

Cost: To Be Determined

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THE PRESIDENT'S MESSAGE

The Board has finalized our monthly meeting program and I'm very pleased with the range of topics we will be providing to the membership. I hope that each of you finds something of interest. There are some changes in a few dates and topics from the October issue, so be sure to use the notice on page 6 in this issue of THE NEWS to mark your calendar.

Some of the program changes include, adding a speaker on the Oklahoma City bombing and other disasters for our February meeting; conducting our tours of the Core States Spectrum II on three successive afternoons; and some date changes to accommodate sister organizations who are hosting our Joint Meetings.

As the Section President, I've begun to receive a great deal of communication and correspondence regarding Section activities. In areas of recognition, **Wendy P. Oliver** has won the ASCE Zone 1 Award of the 1995 Daniel W. Mead Prize for Younger Members for her paper "Do Civil Engineers Have an Ethical Responsibility to their clients at the Expense of the Environment?" Phila. Section Past President **Joseph Syrnick** has received a Certificate of Appreciation from ASCE National as Chair of the Government Engineers Policy Issues Committee. I have also received notice of numerous Section members being appointed or re-appointed to ASCE committees. These awards and acknowledgments of contribution serve to show just how vibrant and active our Section membership is.

We have also had correspondence regarding the appointment of a non-engineer as PennDOT District 6 Administrator. We are working with the other Pennsylvania Sections to follow-through on the request for reconsideration ASCE sent to the Secretary of Transportation and Governor.

I have indicated that I'd like to educate the membership about the Humphrey Fund, a source of financial security to the Section, and seek input to update the Board's guidance as to how to administer the Fund. This I intend to do over the course of the year. At this time, I'd like to present the history of the creation of the Humphrey Fund.

In October of 1926, ASCE held its 56th National Convention in Philadelphia. Richard L. Humphrey, one of the founders of the Philadelphia Section, and a Past-President, was Chairman of the local Committee on Arrangements. Largely through his efforts, an entertainment fund for the Convention was raised, and when the Conference ended there remained a \$16,000 surplus.

With the consent of the contributors, this balance was designated as a permanent fund of the Section and its care and investment was entrusted to a three-person committee whose members are designated by the Board. That practice has been followed ever since.

Mr. Humphrey died two years after the Convention on November 2, 1928. Unfortunately, his financial situation at this time of his death was a difficult one. Indeed, his burial expenses were covered by the Fund. In recognition of his services to ASCE nationally and the Section in particular, the Philadelphia Section on January 23, 1939 renamed the fund as the Richard L. Humphrey Memorial Fund.

In my next message I'd like to discuss the guidance that the Board and the three-person Humphrey Fund Committee is following, which dates back to the 1970's, and open the question of what objectives and guidance the Membership thinks the fund should operate under now.

I hope to see each of you at one or more of our Section meetings.

Sincerely, William G. Richards, P.E.

President, Phila. Section, ASCE

Riverfront. Currently, Mr. Baldinger is directing the redevelopment planning for the Philadelphia Naval Base and Shipyard; and for the Defense Personnel Support Center.

Previous to his appointment to his present post, he held the following positions with the City Planning Commission: Chief of Community Planning (1981 - 1984); Senior Planner, Economic Development Unit, Comprehensive Planning Division (1977-1981); Environmental Planner, Comprehensive Planning Division (1975-1977). Mr. Baldinger has contributed to numerous major City Planning Commission publications, including: Center City Planning, Historic Preservation and Development; The North Philadelphia Plan; Roxborough-Manayunk District Plan; Target Area Strategies for Eleven Neighborhoods; Convention Center Site Study, Hunting Park West Development Plan; Enterprise Zone Policy Paper; Target Industries Analysis; Industrial District Revitalization; American Street Development Plan; and numerous others.

November Dinner Meeting

(Continued from Page 1)

forts. The overall guidance for these City efforts is being developed by the City's GIS Task Force chaired by the Planning Commission.

David A. Baldinger received his Bachelor of Science in Civil Engineering from Rensselaer Polytechnic Institute (1969), and Masters of City Planning from the University of Pennsylvania (1975). He has been Deputy Director of the Philadelphia Planning Commission from 1984 to the present, having joined the Commission in 1975. During his period as Deputy Director he has been Project Manager for the preparation of the *Plan for Center City*, and since its publication in 1988, he has worked to implement many of the major recommendations of that Plan, including the complete rewriting of the Zoning Code as it applies to Center City. In addition, he has been actively involved in many of the City's major development projects, including the Pennsylvania Convention Center, Penn's Landing, and the Delaware

Technical Group Activities

(Continued from Page 1)

We are making final plans for this exciting demonstration of the Internet and what it can do for you. Details will appear in the December issue of "THE NEWS." For more information, contact **Dennis MacBride** at (215) 580-7084; or **Chris Rood** at (215) 580-7586.

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**COPY DEADLINE FOR
DECEMBER 1995 ISSUE
NOVEMBER 9, 1995**

YOUNGER MEMBER FORUM NEWS

by Christopher Menna, Forum Editor

The Philadelphia Section, ASCE Younger Member Forum (YMF) includes college students, recent graduates, and young registered Professional Engineers. The objectives of this Group include:

- To work with colleges and secondary schools in the hope of attracting interested students to the engineering profession,
- To recognize young engineers in the region,
- To encourage community involvement,

Any college student or other young engineer who would like to become part of the YMF please contact **Dave Hanly**, Frederick R. Harris at (215) 735-0832.

Past Accomplishments

The Social Committee sponsored a picnic at Valley Forge National Park on October 7, 1995. Despite bad weather, several of our members participated. Special thanks are extended to **John Quirus** and to **John Zarsky**, Parsons Brinkerhoff, Philadelphia, for hosting the event.

The Community Affairs Committee participated in The 1995 Philadelphia AIDS Walk held on October 15th, along Kelly and West River Drives. The walk seeks to raise much-needed funding for AIDS patient care, education, prevention, and advocacy.

The YMF has identified opportunities with the Philadelphia/Camden Empowerment Zone in planning and implementing an educational outreach program targeting fourth and fifth graders in math and science. The Empowerment Zone Designation was granted by the Federal Government which will provide \$100 million to specific areas in Philadelphia and Camden to stimulate economic opportunity and foster community development. The designated areas in Philadelphia are in the American Street, North Central, and Parkside areas. **Yael Heller** and **Dave Hanly** are in contact with the Assistant Director of the Empowerment Zone Project, who is currently identifying specific programs in which the YMF can maximize their expertise and talents. For more information contact **Yael Heller**, Black and Veatch Waste Science at (215) 928-2211.

Upcoming Events

Any college Senior Design Group from the Greater Philadelphia Area wishing to have Project Advisors may contact **Brian Saks**, A.G. Lichtenstein Engineers at (215) 752-2206. Available advisors include: government/consulting engineers, construction engineers/project managers, and construction product suppliers.

The November YMF meeting will focus on a discussion of this year's Mead Paper Topic. Guest speakers will present some of the thoughts behind the idea of requiring continuing education to maintain ASCE Membership or Professional Licensure. Following these brief presentations, we anticipate that a stimulating conversation regarding the ethical issues and impact of such requirements on the future of engineering and your career will ensue. For more information contact

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LEGISLATIVE CORNER

by Mark S. McKain, Esq.

My Contract Says I Do Not Have Any Responsibility for Safety Precautions on the Project... I Don't Have Anything to Worry About, Right?

You are an architect or engineer working at a construction site observing the contractors' work for conformance to the design documents. While sitting in your field office during lunch reading the newspaper, actually scanning the classified section, you see an article about work-related injuries on construction sites. It states that between 1994 and early 1995 accidents claimed the lives of 1,835 workers on construction sites in this country.¹ You say to yourself — "I'm fairly certain we don't have any responsibility for safety precautions on this project, but I had better make sure."

The next day before going to the site you stop by the office to review the firm's contract with the owner. It has the customary provisions — your presence on the site is only to observe whether the contractors' work conforms to the design documents and you do not have any control over the contractors' construction means, methods, techniques or for safety precautions used in connection with the work. The next day a trench collapses killing a construction worker. If the worker's family files a claim against your firm, can the firm be found liable even though the firm's contract with the owner specifically excluded responsibility for safety conditions on the project? It depends.

For the most part, the above scenario is similar to the facts of a recent New Jersey decision, *Carvalho v. Toll Brothers Development and Bergman Hatton Engineering Associates*. In that case, the Superior Court found that even though the engineer's contract with the owner expressly excluded responsibility for safety precautions on a construction project, the engineer still owed a duty to a worker who was killed by a trench collapse, when the engineer had actual knowledge of the dangerous condition that caused the workers' death.

Bergman, acting as the Township Engineer, prepared design plans for the construction of a new sewer line. Toll Brothers was the general contractor hired by the Township to install the sewer line. Bergman's contract with the owner provided for it to inspect the contractor's work and gave it authority to reject work that did not comply with the design documents. The contract also provided that Bergman did not have any responsibility for the contractor's means and methods of construction or for safety precautions on the project.

Toll Brothers hired a subcontractor, Jude Enterprises, to perform the excavation work. A Jude employee was killed when an unshored trench approximately 13 feet deep collapsed. The worker's

family sued Bergman for negligence. To make out the cause of action, they had to establish that Bergman owed the deceased worker a duty to protect him from injuries resulting from unsafe conditions.

A Bergman field inspector was at the site when the accident occurred. When he was deposed, he testified that he was aware that trench boxes were routinely used on the project to protect workers from trench collapses, that trench boxes were not used on the day of the accident, and that the trench collapsed several times prior to the day of the accident. He also testified that approximately one week before the accident he knew the trench floor was unstable, and that the walls had collapsed on one or more occasions.

At the trial court level, Bergman moved for summary judgment arguing that it did not owe a duty to the deceased worker. The trial court agreed, reasoning that although the engineer may have had actual knowledge of the dangerous condition of the trench, its duty was defined and limited by the contract terms under which the contractor, not Bergman, had sole responsibility to make safety inspections and to provide for the protection of workmen.

On appeal the Superior Court reversed. The issue on appeal was whether the engineer owed a duty to job-site workers to protect them from injuries resulting from unsafe conditions. Imposing such a duty on the engineer depended on whether the trench collapse was a reasonably foreseeable event. The Court noted that although Bergman had no contractual obligation to address safety issues on the work site, because it had knowledge of the dangerous condition of the trench prior to the collapse, it owed a duty to take some reasonable action to prevent injury to workers exposed to the trench.

The Court's decision was based on the fact that the engineer was authorized to stop work that did not conform to the design documents, the engineer had a full-time inspector on-site to ensure the contractor's compliance with the design documents, the inspector was aware of the presence of water in the trench, and knew that the trench was unstable and had collapsed several times prior to the date of the accident. Based on the above, the Court found that it was reasonably foreseeable that a worker would be injured unless the engineer took some action to prevent the injury.

Bergman filed an appeal to the Supreme Court of New Jersey in April 1995. The appeal is still pending.

VANOCKER FIRM RELOCATES

David A. VanOcker, P.E., Past Director of the Philadelphia Section, ASCE, announces that the firm of Christakis VanOcker Morrison, Consulting Engineers, of which he is a Principal, has moved its offices to Strafford Station Building, 85 Old Eagle School Road, Wayne, PA 19087. Phone: (610) 989-3800; Fax: (610) 989-3677

OCTOBER JOINT DINNER MEETING

October 12, 1995

Williamson's GSB, City Line, Phila., PA

The Port of Philadelphia and Camden — A Look to the Future

By Bob Wright, Staff Writer

A gratifying turnout of about 100 members, guests, students and alumni and faculty of Villanova University attended the inaugural 1995-96 season meeting of the Philadelphia Section, ASCE, held jointly with the Philadelphia Chapter, Pennsylvania Society of Professional Engineers (PSPE). Philadelphia Section President **Bill Richards** ably presided over the first meeting of his term. The main subject of discussion for the meeting was: "*The Port of Philadelphia and Camden; A Major U.S. Seaport Looks to the Future*". Principal speaker was **Paul D. DeMariano**, President and Chief Executive Officer, The Port of Philadelphia and Camden, Inc. The Philadelphia Section's Engineering Management Technical Group, **Dennis MacBride**, Chairman, sponsored the meeting; and the excellent arrangements were made by **Al Zion**, Philadelphia Section President-Elect and former Chairman of the Engineering Management Group.

FOCUS Exhibit Debuts

The first "Civil Engineering Focus" exhibit was displayed at the meeting; prepared by Urban Engineers, Inc., the Philadelphia Department of Streets, and Tony DePaul & Sons, and painstakingly erected before the meeting by skilled craftsman **Sean W. Markey**, Membership Secretary of the Section, and prominently on view throughout the meeting.

Joe Syrnick Honored

President Richards presented a National ASCE Certificate of Appreciation to Section Past President **Joseph R. Syrnick** (1980-1981), Chief Engineer and Surveyor, Philadelphia Dept. of Streets, Bureau of Surveys and Design — in recognition of his "Distinguished Service as 1994-1995 Chairman of the Government Engineers Policy Issues Committee."

Thomsen Speaks on Future City Competition

Philadelphia Section immediate Past President **William T. Thomsen** synthesized the Delaware Valley Engineers' Week Committee sponsorship of the "*Future City Competition for the Philadelphia Region in 1996*," an ambitious project involving student engineers' design of the "City of the Future". Bill emphasized that volunteers are still needed to mentor the students in the design process. (See separate article on this admirable undertaking elsewhere in this issue of THE NEWS. In addition, a detailed brochure on the competition was distributed.)

Inspiring Remarks by Ed D'Alba

Urban Engineers, Inc. President and CEO **Edward M. D'Alba** expressed his thanks to the Philadelphia Section for honoring him, at the Annual Spring Dinner Dance at Sugarloaf on May 5, 1995, as "Philadelphia Engineer of the Year". He offered sage counsel to the gathering to be aggressive in articulating and educating the public and government legislators at all levels who are in

position to pursue justified recognition of the importance and value of what we engineers do and what we advocate. He elaborated masterfully on his thesis of the challenge we face: Management, Vision and Inspiration" (M.V.I.) It is a certainty that we shall hear more on this theme from Mr. D'Alba.

Villanova University Night

In keeping with its policy of many years, of recognizing the ASCE Student Chapters and Civil Engineering Departments of area colleges and universities, the October Meeting honored Villanova University, which was well represented in attendance by the Student Chapter, Faculty and Alumni. ASCE Student Chapter Faculty Advisor **Dr. Frank Falcone** described the Chapter's expansion during the past decade and its optimistic outlook for programs of the future.

Student Chapter President John Zambrano

President Zambrano thanked his hosts for their courtesies, and introduced his fellow officers: Vice President, **Pete Cokonis**; Secretary, **Michael Ciocco**; Treasurer, **April Mullock**; E.J.C. Representative, **Matt Baldwin**. Long-time dedicated Phila. Section member, Villanova Student Chapter Faculty Advisor, and now Chairman of the Dept. of Civil Engineering, **Dr. Lewis J. Mathers** was unable to attend the meeting due to prior commitments.

Mr. Zambrano described major Chapter functions, and facilities visited on field trips. He emphasized how these experiences of learning about major projects by first-hand observation and presentation enhanced students' perspectives beyond basic "book larnin" knowledge. A major project of the Chapter was an investigation of a complex and rewarding new research into the design and construction of Villanova's two entries in next Spring's Concrete Canoe Race Competition. The Student Chapter is also actively engaged in the Model Steel Bridge Construction Competition. The overriding objectives of the Villanova ASCE Student Chapter, stressed President Zambrano, are physical growth of the Chapter, more active motivation and involvement in community affairs, and professional engineering pursuits.

Al Zion Introduces Mr. DeMariano

President-Elect AL Zion introduced the Principal speaker of the evening, **Paul D. DeMariano**, President of the newly-formed Port of Philadelphia and Camden, Inc. Mr. DeMariano explained his previous experience in the Maritime and Port industry, which spanned over thirty years in places as diverse as Massachusetts and Florida. He also had positions in private industry and once headed his own Consulting Firm.

Mr. DeMariano noted that, while he was not trained as an engineer, he has had considerable experience with engineers and values the opportunities to work with them. He related that his father

was an electrical engineer, and he admired his father's ability to solve problems.

Mr. DeMariano explained the efforts to unify the various Port agencies in the Philadelphia area. This area is not an advantageous one for many Steamship Lines due to its distance from the ocean. Deregulation activities in the 1980's contributed to hurt the economics of Philadelphia's position relative to nearby harbors like Newark, Baltimore and Norfolk. Philadelphia's plusses include good intermodal connections, especially rail, which help it to compete with other ports in such products as lumber, steel, and containers.

Competition with Neighboring Ports

Mr. DeMariano noted that unfortunately the several Port groups in the area — Philadelphia, South Jersey and Wilmington — were actually competing with each other for the limited market opportunities. When Port unification was considered, it was concluded that it would be easier for the unified Port to compete with other harbors instead of local agencies vying with each other. The unification issue is nothing new, as it has been discussed for at least the past fifty years.

Mr. DeMariano believes his task as Port Manager is to discover what needs to be built and then find ways to build it. Philadelphia's arrangement of old finger piers has been too attractive to gentrification and not as conducive to Port interests. Thus, there are many sites which are being lost to condominiums, retail centers and other non-shipping uses. Similarly, there have been no new sites identified in the immediate area to construct a state of the art intermodal facility that could effectively allow shipping interests to relocate from the finger piers. Philadelphia is unfortunately twenty-five years behind the trends of other cities in this regard.

Investment Requirements

Mr. DeMariano described efforts in other cities, where major investment by Port and government agencies has been made to provide modern Port infrastructure. In many cases, this involves highway, bridge and rail improvements as well as items directly related to freight transfer (such as cranes, storage facilities and intermodal rail yards). Government especially must understand that agencies must build and make such improvements priorities to plan for the Port users and to be in place when the users need the facilities. It must additionally comprehend the very diverse and complex issues of the seagoing trade.

There are other difficulties that must be addressed to help the Philadelphia Port, said Mr. DeMariano. Many cities utilize bridge tolls to fund Port activities. In this area, the Delaware River Port Authority does this, but it is only the third priority of the Authority (behind the upkeep of its river crossings and the Patco rail line). Dredging must be performed, not only in the ship channel but in pier areas as well, to allow larger ships to access the Port. Mr. DeMariano emphasized that the focus must be on what the port can handle best. One example of this is "short stopping" freight that now moves along the East Coast by rail or truck.

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PHILADELPHIA FUTURE CITY COMPETITION

Join the Engineering Team of the Future

The Delaware Valley Engineers' Week Council is sponsoring the "Future City Competition for the Philadelphia Region in 1996." This program will involve students from up to fifty middle schools in the Delaware Valley, who will design the City of the Future, first on the computer program Simon City, and then with a model of their design.

In order to develop the program, it will be necessary for volunteer engineers to work with the students and mentor them in the design process. Philadelphia Section, ASCE members are invited to mentor teams of seventh and eighth grade students engineering cities of the future in this Fourth Annual National Engineers' Week Future City Competition. You will help your team's school win prizes and maybe even a trip to Washington, DC during Engineers' Week 1996, February 18-24. You and your employer will be recognized for your commitment to improving math and science education.

The Local National Engineers' Week Future City Competition began in September, 1995 and runs through January, 1996. Volunteer registrations are now being accepted. If you are interested, please contact **John E. Kampmeyer, P.E.**, Maida Engineering, Inc., 710 East Third Street, Essington, PA 19029; phone: (610) 521-5850, Fax (610) 521-5893. Mr. Kampmeyer is the Technical Resource Coordinator for ASCE.

The cooperation of Phila. Section, ASCE would be greatly appreciated in order to make this new and exciting program a success in the Philadelphia area. **VOLUNTEERS ARE STILL NEEDED. CALL MR. KAMPMEYER.**

ACI ANNOUNCES AWARDS PROGRAM

The Delaware Valley Chapter of the American Concrete Institute (ACI) announces its **5th Annual Awards Competition**. The purpose is to recognize outstanding concrete projects, and to promote an appreciation of excellence in concrete design and construction among the industry and general public.

Submittal projects must be completed between January 1, 1989 and December 31, 1995. Projects located in the Chapter Counties of Philadelphia, Montgomery, Bucks, Delaware, Chester, Berks, Lehigh, Lebanon, Dauphin, and Northampton in Pennsylvania; or in the State of Delaware are eligible for the Competition. Nominations are invited in the following categories: Precast Concrete Systems Buildings; Cast-in-Place Frame Construction; Concrete Bridges/Highways; Architectural Concrete/Precast Claddings; Concrete Restoration and Rehabilitation; Special Award: Concrete Structures 25 years or Older.

The jury will consist of professionals in the fields of architecture, engineering, construction and education. Awards will be judged for out-

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Journal subscriptions on CD ROM are available beginning in April 1995. **For more information or to order**, contact Marketing Services at ASCE, 345 East 47th Street, New York, NY 10017-2398; phone: 800/548-2723 (ASCE); fax: 202/705-8128 or contact person: **Natalie Soulier**, Senior Coordinator, Public Relations, (202) 789-2200.

October Dinner Meeting

(Continued from Page 4)

In conclusion, Mr. DeMariano gave assurance that he was willing to accept the challenge of Port unification, especially with the assistance of the problem solvers on his staff and in the Consulting Firms engaged by his agency.

Question and Answer Period

Extremely introspective, complex and interesting comments and questions from the members of the audience were directed to our distinguished speaker, regarding organization, functions, administrative authority, etc. The comments and inquiries were addressed forthrightly, explained and articulated thoroughly by our well-informed speaker.

President Richards congratulated Mr. DeMariano on behalf of the entire audience for his outstanding talk. Mr. Richards presented Mr. DeMariano a Section Gift of Appreciation for his extraordinary presentation.

standing conception, originality and application in design and construction. First round judging will take place in early December, 1995. Grand Prize winners and Finalists will be honored at an ACI banquet to be held in April, 1996.

For full details and to obtain entry registration forms, contact: **Marianne H. Frost**, c/o A.W. Lookup Corp., - (610) 825-2600; or **William A. Gillespie**, c/o Cagley, Harman & Assoc., - (610) 337-3360, Co-Chairmen of the Competition.

ATLSS SEMINAR SERIES

Lehigh University
Center for Advanced Technology
for Large Structural Systems (ATLSS)
announces its Seminar Series for Fall, 1995

November 17, 1995 (Friday)

Place: Imbt Laboratories Auditorium, Mountaintop Campus

Dr. Stuart Chen, Associate Professor, State University of New York (SUNY) at Buffalo

"Condition Monitoring of Instrumented Structures; Use of Neural Networks"

Seminars are open to the public.

Time: 3:10 PM

Refreshments served at 2:45 pm

For additional inquiries: **Dr. John E. Bower**, (610) 758-3524, Fax (610) 758-5553.

YMF News

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Allen Cadden, Schnabel Engineering Associates, at (610) 696-6066.

There will be a free tour of the Harley Davidson factory and museum in York, Pennsylvania on **December 8, 1995 (Friday afternoon)**. Contact **Mitch Sklar**, STV/Sanders & Thomas, (610) 326-4600 to reserve a spot and work out the carpool.

Member Spotlight

The purpose of the member spotlight is to introduce a fellow YMF member to the Delaware Valley Engineering Community.

Thomas Brady, E.I.T. is a Design Engineer employed by Greiner, Inc. in King of Prussia, PA. In this position, Tom is involved with the design of highways, roads, and interchanges. Currently, Tom is working on the U.S. Route 202, U.S. Route 422, I-76 Improvement Project. In addition, he is in his second year at Villanova's Graduate Evening Program, working towards a Master of Science in Civil Engineering. Thomas Brady is the Treasurer of the Philadelphia Section YMF.

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IMPORTANT! 1995-1996 MEETING NOTICES

MARK YOUR CALENDAR for the dates of the Philadelphia Section, ASCE monthly meetings and social functions, as follows: (Check each upcoming edition of THE NEWS for additional details, possible date and topic changes.) THIS IS A TENTATIVE LIST. NOTE CHANGES AND ADDITIONS FROM LIST IN OCTOBER, 1995 ISSUE.

ALL DINNER MEETINGS (Except as noted)

Cocktails - 5:30 p.m. Dinner - 6:30 p.m. Meeting - 7:30 p.m.

STUDENTS: All dinner and/or luncheon charges one-half price. If you prefer, you are welcome to attend all meetings after dinner or luncheon, at no charge.

Tuesday, Wednesday, Thursday, December 12, 13 & 14, 1995 - Luncheon and Tour of Spectrum II. Sponsored by the Construction Group.

Thursday, January 17, 1996 - Dinner Meeting. Joint Meeting with ASHE & ASCE/Reading Branch. King of Prussia Holiday Inn.

"New PennDOT Secretary" sponsored by ASHE & Transportation Group.

Thursday, February 20, 1996 - Dinner Meeting. Joint Meeting with ASCE/South Jersey Branch, NJ Section. Harbor League Club.

"Oklahoma City Bombing and Disaster Relief" sponsored by the Structural Group. Temple University Night.

March 1996 - Geotechnical Seminar. Drexel University. Date to be determined.

Thursday, March 14, 1996 - Dinner Meeting. Williamson's City Line.

Joint Meeting with Construction Management Association of America (CMAA).

"Environmental Issues at the PHL Airport Runway Project" sponsored by the Water and Environment Group. Widener University Night.

Wednesday, April 10, 1996 - Dinner Meeting. Joint Meeting with SAME. Harbor League Club.

"DOD A/E Contracting" sponsored by S.A.M.E.

Friday, May 10, 1996 - Annual Spring Dinner Dance, Sugarloaf Conference Center

Friday, May 17, 1996 - Golf Outing. Westover Country Club

Water Resources & Environmental Engineering

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223 Wilmington-West Chester Pike
Chadds Ford, PA 19317
(610) 558-1730

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For full information, contact: **Nap Gatmaytan**, Human Resource Specialist, Montgomery County Planning Dept. 8787 Georgia Avenue, Silver Springs, MD 20910; phone (301) 405-4510.



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