

the news



ASCE

PHILADELPHIA SECTION
AMERICAN SOCIETY OF CIVIL ENGINEERS
215 S. 16th Street, Suite 16, Philadelphia, PA 19102
Telephone/Reservations: (215) 985-5703
Web site: <http://www.asce-philly.org>
National ASCE Central Number 1-800-548-ASCE • Toll Free

The Sidney Robin Memorial Newsletter of the Philadelphia Section ASCE

Our 100th Year

Vol. 85-9

May 2013

...HASTA LA VISTA (BABY?)

As we close another successful season and our ASCE, Phila. Section moves into centenarian* status, the time has come for our activities to go into hibernation mode. This includes the publication of *THE NEWS* for the season – we'll take the summer off to fine-tune the well-oiled virtual machinery that is our "printing press" and get some rest and relaxation (which some of you may question "from what?", but we're taking it anyway). Thus, this is our last full edition of *THE NEWS* until we start up again in the fall.

We will most likely take some time from our break to crunch out the usual abbreviated summer edition, (probably in July), so we hope our tens of fans can bear with (or without?) us until then.

We hope you enjoy your summer and see you again in the Fall!

**centenarian – someone (or something) 100 years old or more*

100TH ANNIVERSARY EVENTS — HOLD THE DATES

As you will see in this edition, there are several events related to our Section's 100th Anniversary celebration. Our **100th Anniversary Gala** is scheduled for **May 4** (see the information to the right of this). A **Family Event** will be held at the **Camden Riversharks** game on **June 8** (see page 3 for more information). Also, **Habitat for Humanity** events will be conducted on **May 18** in Camden and **June 15** in Philadelphia (more information on these will be provided on our website).



*You are invited to attend this Once in a Lifetime Event
with the ASCE National President,
Past Presidents of the Section, and Colleagues*

ASCE's 100th Anniversary Gala

The Franklin Institute

Saturday, May 4, 2013

6PM to 10PM

Enjoy a night of drinks, dinner and dancing featuring a
4-hour Open Bar, Appetizers and Sit-Down Dinner!

When making reservations, please note your menu choices:

Chicken Breast Stuffed with Spinach, Ricotta & Pine Nuts
Pan-seared Fennel Crusted Salmon Filet with Red Peppers
Vegetarian

Reservations can be made using our [online RSVP system](#)

Due by April 19, 2013

Cost - \$100/per person

\$60 for government employees and students



For additional information and answers to your questions about the Gala, please contact President Elect **Jenn Walsh** (215-283-9444 or jwalsh@mcmahonassociates.com).

Dress code - Evening Attire



PRESIDENT'S MESSAGE

So, we've reached that time. After a year serving as your President, this is the final message for print in the venerable newsletter. It has been a great honor to serve in this leadership role during our 100th Anniversary Season. However, anyone who has served in this capacity knows that you don't accomplish anything without a strong, active and supportive Board.

Specifically, I want to thank **Jennifer Walsh** for pulling together all of the details associated with the 100th Anniversary Event. I want to recognize **Joe Platt** for planning our Section Meeting schedule which saw capacity crowds at multiple events, and **Marc Preim** for efficiently handling our electronic communication and "crowd control" at our meetings. Also, I would like to thank **Cathy Farrell** for serving as a sounding board for many ideas, good and not so much, over the last year. Since our esteemed editor has imposed a word limit, I only have space to formally recognize a handful of Board Members, but I thank everyone for their dedication and commitment.

I also believe that **Kazi Hassan** and the YMF Board deserve special recognition. From what this group has demonstrated to me, our next 100 years will be better than our first 100 years. While it would be easy to recognize their successful college outreach or multiple community service events, the longest lasting impact is the **Civil Engineering Club** they helped establish at a school in Center City Philadelphia. This is the first in the State and only the 10th in the country. This is a tremendous accomplishment which will help to inspire the next generation of Civil Engineers.

And finally, I would like to take the time to thank and recognize **Bob Wright** for his tireless and selfless dedication to the Section, the City and the profession (if this makes it into *THE NEWS* I will know that my strategy of submitting this message post-deadline really works). For most of our members, you serve as the "Editor-in-Chief" of *THE NEWS*. To everyone involved on the Board, your steady guidance and leadership sets an example for all of us to follow. I want to sincerely thank you for the mentoring you provided, and for just being an all-around good guy.

With that, I would like to wish the Section a Happy 100th and I hope to see everyone at the Gala on May 4!

Sincerely,
Jeremy Colello, P.E.
President, ASCE, Philadelphia Section

"CLASS OF 2013" LIFE MEMBERS HONORED IN APRIL

Life Membership in ASCE is a major milestone in a member's tenure. To achieve Life Membership, one must:

- have reached the age of 65,
- have paid dues for a minimum of 30 years, and
- have had 10 years continuous membership immediately preceding the attainment of Life Membership

Life Members are exempt from dues and need only pay a small service fee to receive ASCE News and Civil Engineering magazine.

This year, we are proud to have welcomed a total of 15 newly-minted Life Members to our ranks:

David Campbell; Joseph Casacio, Jr.; Kenneth Fulmer; Dennis Gallino; Edward Glynn, Ph.D.; Daniel Honig; William Judkins; Joseph Martin, Ph.D.; Patrick McMackin; Lewis Ruberg; Frank Sarnes, Jr.; Donald Stripling; John Tunnell; Frank Vibbert; Joseph Wierzbicki

We were pleased to be able to have Mr. Gallino, Mr. Honig, Mr. Judkins, Dr. Martin and Mr. Vibbert in attendance at the April Section meeting as our guests for their citation and congratulations.

ASCE appreciates the lifelong support of these members. We thank them for their contributions and years of dedication to our profession.

100TH ANNIVERSARY HISTORICAL PERSPECTIVE

As we have been doing each month, we offer our historical perspective as part of our 100th Anniversary celebration. One event of note happened in May, and, as you are probably aware, little happens over the summer, so we have nothing of note to report for it.

1986 – Our Section changes it up a bit, as they say, and conducts our annual Spring Social and Dinner Dance in a new venue, the **Grand Court** at the **Philadelphia Bourse**. In another notable occurrence at that Social, for the first time, the audiovisual synchronized-sound slide show with pre-recorded narration that highlights our Section Award recipients was developed and presented for the first time. This has become a staple of Socials since then and has evolved into a Powerpoint presentation.

DELAWARE VALLEY GEO-INSTITUTE MEETINGS

SHORT COURSE: "Ethics for Engineers" (ASCE webinar)

DATE: May 21, 1:30 to 5 PM

LOCATION: Radisson Valley Forge, Conestoga Room

COST: \$75 Light snack included

DINNER MEETING: "Application of the Load Resistance Factor Design Platform to Geotechnical Features (Fact and Fiction)" presented by Jerry DiMaggio

DATE: May 21, 5:30PM Social Hour, 6:30PM Dinner, 7:15PM Presentation

ASCE, PHILADELPHIA SECTION OFFICERS AND BOARD OF DIRECTION — 2012-13 SEASON

PRESIDENT

Jeremy D. Colello, Pennoni Associates, Inc.

PRESIDENT ELECT

Jennifer K. Walsh, McMahon Associates, Inc.

VICE PRESIDENT

Joseph Platt, Traffic Planning & Design, Inc.

SECRETARY

AnnMarie L. Vigilante, Langan Engineering & Environmental Services

TREASURER

Guy DiMartino, Traffic Planning and Design, Inc.

MEMBERSHIP SECRETARY

Cathy G. Farrell, Michael Baker, Jr., Inc.

DIRECTORS

Vicki L. Brown, Widener University ('11-'13)

Eve D'Onofrio, ES Design LLC ('11-'13)

Spencer Finch ('12-'14)

Ali Khan, Ali Khan & Associates ('12-'14)

Marc Preim, STV ('12-'14)

Keith Yamatani, Kleinfelder ('11-'13)

PAST PRESIDENTS

Ann M. Tomalavage, Malarkey Consulting

Thomas W. Brady, RK&K

Kristen Bowman Kavanagh, Flow Science, Inc.

PRESIDENT, READING BRANCH

E. J. Walsh, McCarthy Engineering

President — Jeremy Colello, P.E.

Division Manager
Pennoni Associates
3001 Market Street, 2nd Floor
Philadelphia 19102
(215) 222-3000
jcolello@pennoni.com

Secretary — AnnMarie L. Vigilante, P.E.

Project Manager
Langan Engineering & Environmental Services
P.O. Box 1569, Doylestown, PA 18901-0219
(215) 491-6500
avigilante@langan.com

PUBLICATIONS COMMITTEE

Editor of *THE NEWS*

Robert Wright

Staff Writers

James Markham Joe Synchronic

SEND COPY TO:

ASCE, c/o Engineers' Club of Philadelphia
215 S. 16th Street, Suite 16
Philadelphia, PA 19102

COPY DEADLINE FOR SUMMER 2013 ISSUE JUNE 28, 2013

LOCATION: Radisson Valley Forge – Ross Jeff Room

COST: \$40 / Students \$10

Please visit www.dvgi.org for more information and reservations.

YOUNGER MEMBER FORUM NEWS

Amanda Kessler, Forum Editor
Kazi Hassan, Forum President 2012-13
 Pennoni Associates, Inc.
 3001 Market Street, 2nd Floor
 Philadelphia, PA 19104
 215-222-3000
 kazihassan@pennoni.com

CIVIL ENGINEERING CLUB™

Philadelphia YMF has coordinated with the **Chester A. Arthur K-8 School** in Philadelphia to establish the first Civil Engineering Club™ in Pennsylvania. The club is being recognized by the American Society of Civil Engineers as one of only ten Civil Engineering Clubs nationally. The meetings, which are open to 6th through 8th grade students, run twice-weekly after school for 12 weeks and cover topics such as transportation, urban planning, geotechnical engineering, construction, water resources, and bridge design. Each meeting includes a presentation followed by an activity run jointly by Mr. **Michael Franklin**, a math and science teacher at the school, and at least one younger member volunteer. To date, the program has been a success and is a major step in the on-going goal of promoting the Civil Engineering profession to young students. We would like to thank our sponsors—including ASCE, ASCE Philadelphia Section, Drexel University, Pennoni Associates Inc., and Philadelphia YMF—for their donations, as well as all the volunteers we have had so far for committing their time and enthusiasm. If you are interested in additional information or would like to participate in the club, please contact **Jesse Gormley** (jgormley@pennoni) or **Kazi Hassan** (kazihassan@pennoni.com).

I-95 SECTION GR1 TOUR

On April 8, Urban Engineers' Transportation Construction Supervisor and YMF board member, **Kevin Brown**, along with JBC Associates' **Don Donovan** served as tour guides on the PennDOT I-95 Section GR1 construction project. Approximately 30 young Engineers attended this tour of Philadelphia's largest highway construction project. Kevin and Don walked the group through the site explaining the many aspects of the \$90 million project including the relocation of Richmond Street, reconstruction of four Conrail bridges, construction of a 2000 foot retaining wall and the rehabilitation of the Girard Avenue bridge over Aramingo Ave.

CANSTRUCTION - APRIL 12

The YMF's team competed in the 7th Annual CANstruction Philadelphia Competition against 13 other teams, in what turned out to be the most successful such event to date. Team ASCE built a large red boxing glove punching a wall of "Hunger". The team started around 6PM and finished up just before midnight on April 12. Though minor field modifications were necessary, the structure remained stable and standing. The team raised \$2,250 in sponsorship which helped purchase 2,400 pounds of cans, all of which will go to Philabundance. Thanks to our sponsors including Tim Haahs, BL Companies, Stantec, AECOM, Ammann Whitney,

TranSystems, Urban Engineers, Pennoni Associates, Hatch Mott MacDonald, Milton K. Morris Trucking, and the Manners Family. All structures were on display at the Shops at Liberty Place Rotunda (Liberty One Place, 16th and Chestnut Streets) through April 22.

CRITICAL ISSUES SEMINAR – APRIL 23

Join the YMF at the Field House Bar, 1150 Filbert Street, Center City (across from Reading Terminal Market) to hear four distinguished panelists weigh in on this year's topic: Congestion 2030 — Planning for the Future. Panelists include representatives from TimHaahs, Amtrak, DVRPC, and the Mayor's Office of Transportation and Utilities. This event is free to all attendees and includes appetizers. Please RSVP to reserve your spot. View the flyer for additional details.

PHILA. SECTION 100TH ANNIVERSARY COLLEGE STUDENT SCAVENGER HUNT – APRIL 27

City Hall, Broad St & Kennedy Blvd, Center City

Our Section has organized a scavenger hunt for students in Center City. A cash prize will be awarded to the winning team. Visit the YMF website and view the event flyer for additional details.

PHILADELPHIA SECTION HABITAT FOR HUMANITY EVENTS

May 18 - 650 Clinton Street, Camden, NJ
 June 15 - to be announced, Philadelphia
 Visit the Section website for additional information and to RSVP.

PHILLIES BASEBALL!

On August 21 the YMF, along with the Delaware and South Jersey YMF's, will be hosting the annual Phillies game outing. We invite all ASCE members and their guests to join us for a fun evening of networking and baseball. A FREE pre-game tailgate will include food, non-alcoholic beverages, and games. A limited number of coolers with ice will be available, so feel free to BYOB to the tailgate.

But don't bring your own bobblehead — this 7:05pm game against the Colorado Rockies will also be featuring the Cole Hamels Bobblehead Giveaway! The group has reserved 100 tickets in Section 302. Please visit the YMF Events page at www.ymfphilly.org/events.htm for additional event and RSVP information.

ELECTIONS FOR 2013-2014 YMF BOARD

Elections for next year's board will take place in May. Any dues-paid Philadelphia Section member ages 35 years or less is welcome to nominate him/herself for a position. If you have any questions about the positions or are interested in a position please email **Kazi Hassan**.

FACEBOOK: <https://www.facebook.com/YMFPhilly>

TWITTER: http://twitter.com/Philly_YMF

QR CODE:





ASCE 100th Anniversary Celebration Family/Picnic Event

Saturday, June 8th at 5:35pm

Join us for a fun night of baseball at Campbell's Field with your friends and colleagues!

The evening includes upper club preferred seating, a two-hour all you can eat buffet and an exclusive opportunity to watch the fireworks from the field!



100th Anniversary

ASCE PHILADELPHIA

FAMILY/PICNIC EVENT THE PRICES ARE \$25 ADULT; \$15 CHILD

* Includes wristband for unlimited access to United Way Fit and Fun Zone and carousel rides

Menu Includes:
 Fried Chicken, Hot Dogs, Pulled Pork, Homemade Macaroni and Cheese, Coleslaw, Cookies, Soda, and Water



To check availability or to purchase tickets contact:

Once in a lifetime, every time.

ASCE 100TH ANNIVERSARY CELEBRATION!

www.riversharks.com

APRIL DINNER MEETING

April 11, 2013

Villanova Conference Center, Radnor, PA

Breakout Sessions

by Robert Wright, Editor

We appear to have established another tradition of sorts, as for the fourth consecutive year, April meant a trip to the Villanova Conference Center in the wilds of northern Delaware County. A healthy crowd of over 110 gathered on a cool spring evening to choose between two good offerings for the breakout sessions:

- **Learn from the Mistakes of Others: Case Studies of Geotechnical Failures**, presented by **David Elton**, Professor of Civil Engineering, Auburn University (sponsored by the Delaware Valley Geo-Institute)

- **Walt Whitman Bridge Suspended and Anchorage Span Redecking**, presented by **Daniel Griffith**, Senior Project Manager, AECOM (sponsored by the Structural Engineering Institute)

Section President **Jeremy Colello** welcomed everyone and opened the meeting, bringing Nazhat Aboobaker, Chair of our Structural Engineering Institute, and Bill Petersen, Chair of our Delaware Valley Geo-Institute, to the podium to make announcements.

Following a few other items of business, President Colello welcomed Membership

Secretary **Cathy Farrell** to “front and center” to welcome and honor the newest “class” of Life Members to this esteemed level of membership. Those in attendance were presented with their Life Member certificates. (Please see the separate article on this.)

As has become a custom at our April meeting, Past Presidents were invited to attend as guests of our Section and a number of them (11 to be exact) took advantage of the opportunity of a free meal to be there. President Colello called them to the front to be cited. (Please see the separate article on this.)

Following the usual nice buffet dinner that the Center offers, President Colello made several announcements on upcoming events which will celebrate our Section’s 100th Anniversary (covered separately in this issue). He closed the business part of the meeting by personally thanking everyone for their assistance in the operation of the Section and giving him the opportunity to serve as President, an opportunity which challenged him at times but was always enjoyable and fruitful. With that, he closed the main portion of the meeting and dispersed attendees to the two breakout sessions.

PROFESSIONAL DEVELOPMENT REQUIREMENTS – A REMINDER FOR PA PE’S

As you may be aware, Professional Engineers, Land Surveyors and Geologists in Pennsylvania are required to obtain continued professional development (CPD) credit to renew their licenses. This became effective on October 1, 2009. For your license renewal coming up in October (yes, this October!), this will be the second “round” of licensure that will have had the CPD requirements apply to it, so many of us should at least “know the drill.”

The specific requirements for PE’s, LS’s and PG’s are available on the Department of State’s website at www.dos.state.pa.us/eng for your information. Basically, a licensee will need to have 24 professional development hours’ (PDH) worth of valid instruction, training, etc. to be able to renew his/her license. Generally, this allows an hour to be counted more than once for licensees holding more than one license (e.g. someone with a PE and a PLS). Additionally, there are some caveats and changes, including the ability to count up to 12 PDH’s that you may have carried over from the last licensure period (for those of you lucky enough to have stockpiled these!).

We remind you that our Section’s meeting program is generally able to count toward your continuing education requirement (meetings that the Section believes would not count will be prefaced as such in the meeting announcement), and we continue to have a verification program in place to help our members obtain and track PDH’s. Also, through our monthly meeting

schedule, we have provided at least 7 opportunities for you to obtain PDH’s, as well as a number of offerings from our Technical Groups and the Younger Member Forum (and, no, even though they, by definition, often last for more than the requisite 50 minutes, the happy hours and socials do not count!). Taking into consideration only the main Section meetings conducted since your last PA license renewal in October 2011, we have made available a total of 14 such opportunities (or, doing the math, over 58% of your biannual requirement of 24 PDH’s), to help you get your credits. And there are any number of Technical Group meetings and sessions which can easily add to this total that have been offered by the Section. Not bad, if we may say so ourselves...

As for our adjacent states, in which many of you may also be registered, New Jersey PE licenses, which also require continuing education and 24 PDH’s, will be up in April 2014. Our Section’s program can be counted for your NJ needs. So far, Delaware has no similar requirement, but it appears that this will be changing and could happen as early as next year. Additionally, our meetings and sessions are generally able to be counted for PDH credit for other states’ requirements. Please check those in which you may be registered to see for sure. We’ll keep you posted on this.

Lastly, there are some possible revisions to the professional licensure legislation that are being discussed at present. Information on this will be provided when it becomes available.

ANACE*

BYE BYE TOKENS...

SEPTA has, for years, struggled with an underdog standing. But it’s about to get a major boost, or so promise the little red signs on some of its trolleys and buses. Currently, SEPTA is the last public transit system serving a major US city to use tokens. But a contactless payment system, planned to arrive this fall, will accept credit cards, debit cards, smart phones and SEPTA-issued smart cards. Riders will be able to set up free private accounts with passwords that will allow them to monitor and update value remotely. If it all works out, SEPTA may leapfrog from one of the most antique payment systems in the nation to one of the most advanced, outpacing New York’s Metropolitan Transit Authority, which recently announced that it will not accept contactless debit and credit cards until at least 2016.

There will be online methods of payment like automatic reloading, which allows riders to set a certain limit on their account, just like E-ZPass. Weekly and monthly passes will still be available, just not in individual card form - instead, an account can be set to automatically purchase a new weekly or monthly pass until the rider changes it. For those who aren’t as keen on managing their account online, SEPTA will also expand the sale venues where riders can add value. Today, many stations have SEPTA employees who cannot give change or sell tokens, one of the most frustrating aspects of the transit system for many. Under the new payment regimen, vending machines will be added to every subway and elevated rail station, as well as the Regional Rail stations in Center City. Retail stores will also sell smart cards.

Expanding the new payment system to Regional Rail presents some unique challenges. The systemic overhaul will come in three phases, the first two being design and manufacturing and implementing payment changes on buses, trolleys and subway-elevated lines. Regional Rail conversion is a separate phase all of its own, and expected to take much longer than the other modes, since none of the Regional Rail stations are currently equipped with turnstiles or any other way to check a pass before a rider boards the train. Instead, the 19th century technology of a conductor who walks the length of the train between stops and punches each ticket individually remains in use. Other mass transit systems have faced similar problems when attempting to bring smart cards to Regional Rail.

SEPTA canvassed its Regional Rail ridership and found that 95 percent of rides originate or terminate in one of five major Philadelphia stations. At these centrally located hubs it will install turnstiles that can read a rider’s contactless device. Presumably, those 5 percent of riders who aren’t going to one of the five major stations will simply ride on an honor system. Parking

Continued on Page 5

DELAWARE VALLEY SCIENCE FAIRS — PROJECTS JUDGED, WINNERS RECOGNIZED

For the 20th year (or, one generation!), our Section attended the Delaware Valley Science Fairs at the Greater Philadelphia Expo Center in Oaks on April 3, not to compete for prizes for science experiments of our own, but to review those completed by local students and cite those which we believe were deserving of special recognition. Our contingent of esteemed and knowledgeable (? on both counts!) judges spent the day at the Fairs and reviewed over 1000 individual student efforts to find those with Engineering potential.

And, even though there is an “Engineering” category in the project competition, sometimes submissions that are related to Civil Engineering are hidden in other areas such as Environmental, Physics, Mathematics and even Behavioral Sciences, so our intrepid team has to look carefully to find those that have applicability to what we do. The quality of many of the entries makes the decision even that much more difficult as well.

After a lot of walking and a lot of reviewing, our judges managed to sort through a number of well-prepared projects and come up with two winners in each of the categories of Grades 6–8 and Grades 9–12.

The winning students and their projects were:

GRADES 6–8 FIRST PLACE

Meghan Darcy, 8th grade, Lenape Middle School, Doylestown; “The Effects of Truss Shape on Weight Held”

GRADES 6–8 SECOND PLACE

Kimberly McGroary, 8th grade, Holy Family School, Phoenixville; “Member Shape, Strength in Numbers”

GRADES 9–12 FIRST PLACE

Amy Winkler, 10th grade, Ranney School, Tinton Falls, NJ; “The Effect of Length and Truss Design on the Live Load of a Bridge”

GRADES 9–12 SECOND PLACE

Donnetta Haynes, 11th Grade, Temple University Math Science Upward Bound, Philadelphia; “Ice, Ice, Baby!”

Past President and “chief judge” **Chris Rood**, the Section’s long-time coordinator of the judging for the Fairs (and a Bridge Engineer, in case you didn’t know! — which explains in part the “bias” toward structures and trusses), attended the award ceremony on April 4 and presented commemorative plaques and checks to the winning students (\$100 for each First Place and \$75 for each Second Place winner). The First Place winners were invited to attend the Spring Social, as we usually do, and we hope they will be able to attend so the rest of us can see the engineers of the future and allow them to display their winning efforts.

Thanks to the students and to those who participated in this event, including Section Judges **Chris Rood**, **Ruben David** and **Bob Wright**. (Ruben and Bob did their best to keep Chris from looking only at bridge and structure projects, and one of the four efforts cited actually had nothing to do with bridges.) Chris Menna was also able to participate in part of the day and assisted the Engineers’ Club of Philadelphia judging contingent as well.

More information on the Fairs can be found at www.drexel.edu/dvsf.

SECTION OFFICERS AND BOARD OF DIRECTION – 2013-14 SEASON

At our upcoming 100th Anniversary Gala/Spring Social (May 4 – see the flyer on page 1 of this issue for more information), our Section’s officers and Board members for the coming season will be officially installed. This slate was recommended by our Nominating Committee and adopted by our Board. They are as follows:

President

Jennifer K. Walsh, McMahon Associates Inc.

President Elect

Joseph Platt, Traffic Planning & Design, Inc.

Vice President

AnnMarie L. Vigilante, Langan Engineering & Environmental Sciences

Secretary

Cathy G. Farrell, Michael Baker, Jr., Inc.

Treasurer

Guy DiMartino, Traffic Planning & Design, Inc.

Membership Secretary

Kazi Hassan, Pennoni Associates Inc.

Directors

Andrew Bechtel, College of New Jersey (‘13-’15)

Spencer Finch (‘12-’14)

M. Ali Khan, Ali Khan and Associates (‘12-’14)

Ara Mouradian, Gannett Fleming (‘13-’15)

Marc B. Preim, STV (‘12-’14)

Keith Yamatani, Kleinfelder (‘13-’15)

Past Presidents

Jeremy D. Colello, Pennoni Associates, Inc.

Ann Tomalavage, Malarkey Consulting*

Thomas W. Brady, Louis Berger Group*

President, Reading Branch

E. J. Walsh, McCarthy Engineering

We wish these brave and generous folks our collective good luck for the coming season.

**In accordance with our Constitution and Bylaws, only the immediate Past President will serve on the Board, and only for a one-year term.*

ANACE

Continued from Page 4

costs on SEPTA property will also be accommodated by the new payment methods.

Prototypes of the new payment system will start appearing soon, with pilot programs beginning this summer. The system is meant to debut on transit lines this fall, but first SEPTA plans to outfit its entire fleet of trolleys and buses, and replace many of the turnstile entrances to subway and elevated rail lines. Tokens will stop being sold in spring 2014. Cash fares will continue to be accepted, and fares will likely be increasing this summer.

It’s a roundabout way of getting rid of tokens. But, to borrow from SEPTA’s tagline, it’s getting us there.

Thanks to *Next City* for this.

**ANACE—Almost Nothing About or Concerning Engineering*



Science Fairs “Chief Judge” Chris Rood, presents the plaques and checks to Kimberly McGroary, Amy Winkler and Donnetta Haynes.

MEMBERS IN THE NEWS

WATERS NAMED "40 UNDER 40" BY PHILADELPHIA BUSINESS JOURNAL

Urban Engineers is pleased to announce that **Angelo Waters, P.E.**, Environmental Practice Leader, has been selected by the Philadelphia Business Journal as a 40 Under 40 award winner! The 40 Under 40 program spotlights 40 dynamic up and coming leaders, who are under the age of 40, for their professional accomplishments and community involvement. Angelo will be recognized at an awards program in May and profiled in a special print supplement inserted in the *Philadelphia Business Journal*.

Read Angelo's Face of Formulating Excellence profile here: http://urbanengineers.com/about_us/urban_faces/angelo_waters.html

For a complete list of 40 Under 40 winners, visit: <http://tinyurl.com/2013PBJ40U40Event>

HAHNS FEATURED ON KOREAN TELEVISION PROGRAM

Timothy Haahs & Associates, Inc. (TimHaahs) is pleased to announce that the **Korean Broadcasting System (KBS)**, Korea's leading public services broadcaster and the most influential media organization in the country, recently aired an hour-long feature on **Timothy Haahs, PE, AIA**. The program aired nationally in Korea on February 16. This weekly documentary showcases Korean global leaders' success stories, including their paths to success, personal stories and their vision for the future.

"It has been a truly humbling experience to be chosen to share my life story globally, along with my personal and professional mission to help others. It gave me an opportunity to reflect on the things that have brought me where I am today," Tim noted.

To watch the program, please visit this link: https://www.youtube.com/watch?v=f6aCyOsVuTI&feature=youtube_gdata_player

PAST PRESIDENTS HONORED IN APRIL

It has become another in a series of Section traditions to honor our Past Section Presidents at our April meeting. Each April, we invite them to come out, be recognized, and enjoy a dinner courtesy of the Section (not necessarily in that order of priorities!) to cite their contributions to the Section. We are always happy to see them, and many of them are in attendance at Section meetings when their busy schedules permit.

This year, we were pleased to see 11 of them taking the time to be at the April meeting:

Robert Koerner, 1975-76; C.R. "Chuck" Pennoni, 1978-79; Joseph Syrnick, 1980-81; William Malarkey, 1983-84; J. Richard Weggel, 1989-90; Robert Wright, 1993-94; Faruq Siddiqui, 1999-2000; Thomas Branigan, 2000-01; Chris Rood, 2001-02; Ruben David, 2002-03; James Markham, 2007-08

Thanks to the newest member of the group, **Ann Tomalavage** (who was unfortunately not able to attend), for contacting the Past Presidents and getting them to come out.

NEW DIGITAL APP BRINGS 2013 REPORT CARD TO LIFE

Have you downloaded the Report Card app? For the first time, ASCE's 2013 Report Card for America's Infrastructure is available as a digital application that includes videos, state-by-state data and other multimedia tools. Best of all, the information is available at your fingertips on your phone or tablet device.

With each iteration of the Report Card, ASCE has worked to provide more information and an improved visual format. And this effort has paid off — not only Engineers are using the Report Card, as we continue to see media coverage across the country in publications as diverse as the Economist, Roll Call, and Government Technology. President Obama even mentioned the Report Card in a recent speech as he discussed the importance of investing in infrastructure.

The overall grade for America's infrastructure inched up from a D to a D+ in the 2013 Report Card. Despite the dismal grade, there were six sectors that saw improvement this year: bridges, roads, drinking water, wastewater, solid waste, and rail. Using a simple A to F school report card format, the Report Card provides a comprehensive assessment of current infrastructure conditions and needs, both assigning grades and making recommendations for how to raise them. An Advisory Council of leading Civil Engineers appointed by ASCE assigns the grades according to the following eight criteria: capacity, condition, funding, future need, operation and maintenance, public safety, resilience, and innovation. Since 1998, the grades have been near failing, averaging only Ds, due to delayed maintenance and underinvestment across most categories.

The app can be downloaded for free at www.infrastructurereportcard.org, and is accessible online as well.



DEFINING AND ANALYZING HUMOR IS A PASTIME OF HUMORLESS PEOPLE.

— Robert Benchley

SECTION SPONSORSHIP LEVEL



GeoStructures

Phone: 610.265.1818
Fax: 610.265.1833
www.geostructures.net

GEOTECHNICAL ENGINEERING CONSULTANTS

- Subsurface Investigations
- Slope & Retaining Wall Design
- Geosynthetics Design
- Phase 1 & 2 Site Assessments
- Construction Monitoring

- Foundation Evaluations/Design
- Soil Stabilization
- Sinkhole Assessment/Remedy
- Vibration Analysis & Monitoring
- Geotechnical Lab Testing

1000 West 9th Avenue, King of Prussia, PA 19406

THANKS TO OUR SPONSORS!

Our "enhanced" Section Sponsorship Program has enjoyed another successful season, particularly as we developed the "enhanced" part to raise additional funds to support planned activities and commemoration of our 100th Anniversary year. We have also welcomed individual members to help us celebrate this special occasion, and several of you have responded generously to date.

We thank those who have made the financial commitment for this season, and the business cards of our 28 sponsors (thank you very much!) as of this printing are included in the sponsor section of *THE NEWS* along with their levels of support. We are more than halfway to our goal of \$50,000 to be raised to support our plans for this season. Your help to get us to the top is very much appreciated.

As has been done for the past several years, sponsor logos are displayed in a special Sponsors section of our website. Through a click on the particular sponsor's logo, we provide direct links to its own website so prospective employees can review all available and up-to-date positions being offered by that firm.

The "enhanced" sponsorship for this season includes several levels of contribution, as follows:

Section Sponsor: \$300 ("standard" Section Sponsorship, the same as what has been offered for the past several years); Company business card ad in *THE NEWS*; Company logo listed on Section website

Frankford Avenue Bridge Sponsor: \$500
Same benefits as Section Sponsor, plus...
Company name listed in 100th Anniversary Events Program

City Plan Sponsor: \$1,000
Same benefits as Frankford Avenue Bridge Sponsor, plus...
Company name listed in press releases for 100th Anniversary events; Company name listed on Boards to be displayed at all events throughout the year during 100th Anniversary events

City Hall Sponsor: \$2,500
Same benefits as City Plans sponsor, plus...
Company name listed in the Landmark Guide Book; 4 Tickets to the 100th Anniversary Gala Event

Waterworks Sponsor: \$5,000
Same benefits as City Hall sponsor, plus...
One table of 10 to the 100th Anniversary Gala Event; One copy of the Published Landmark Guide; Spotlight article on your Company in an edition of *THE NEWS*.

And, as trotted out in March, for those of you who would like to help our cause as individual members or at levels below those noted above, we have opened the Individual Level of sponsorship. For a donation of at least \$100 (and we'll certainly accept more than this!), individuals and/or firms will have their names listed in the 100th Anniversary Events Program. Checks can be sent to the Section in care of the Engineers' Club (address on the front cover of this edition).

If you have an interest our sponsorship program, please contact **Bob Wright** at news-editor@asce-philly.org for more details.

TECHNICAL GROUPS/CHAIRS

Information on the ASCE, Philadelphia Section's Technical Groups is given below. Director **Eve D'Onofrio** will be coordinating the activities of the Groups. If you have any topics that you think would be of interest to the Groups, please feel free to pass this information along to the appropriate Group Chair.

CONSTRUCTION

Dennis MacBride
SEPTA
1234 Market Street, 12th Floor
Philadelphia, PA 19107-3780
215-580-3404
dmacbride@septa.org

DELAWARE VALLEY GEO-INSTITUTE (DVGI)

William K. Petersen
URS Corporation
335 Commerce Drive
Fort Washington, PA 19034
215-390-2157
bill.petersen@urs.com

ENGINEERING MANAGEMENT

Michael E. Radbill
Hill International
30 S. 15th Street, Suite 1300
Philadelphia, PA 19102
215-496-4926
MichaelRadbill@hillintl.com

ENVIRONMENTAL AND WATER RESOURCES

Eve D'Onofrio
E S Design LLC
128 Regency Dr
Norristown, PA 19403-1755
610-630-1660
edonofrio@esdesignllc.com

STRUCTURAL ENGINEERING INSTITUTE (SEI)

Dr. Nazhat (Nancy) Aboobaker
InVision Engineers, PC
1500 Market Street
12th Floor, East Tower
Philadelphia, PA 19102
215-896-6264
naboobaker@invisionengineers.com

TRANSPORTATION AND URBAN DEVELOPMENT

William T. Thomsen
Urban Engineers, Inc.
530 Walnut Street, 14th Floor
Philadelphia, PA 19106
215-922-8080
wtthomsen@urbanengineers.com

CITY HALL SPONSORSHIP LEVEL



1818 Market Street, Suite 1410
Philadelphia, PA 19103-3616
T: (215) 832-3500
www.stvinc.com

WATERWORKS SPONSORSHIP LEVEL



Pennoni
PROVIDING
ENGINEERING
SERVICES
SINCE 1966
www.pennoni.com
One Drexel Plaza, 3001 Market Street, Philadelphia, PA 19104 | 215-222-3000



URBAN ENGINEERS
Formulating Excellence
Founded 1960 | ISO 9001:2008 Certified | Employee-Owned
www.urbanengineers.com
Additional Offices: 530 Walnut Street
PA, DE, MD, NJ, NY, CT, *TX Philadelphia, PA 19106
*Non ISO Registered V: 215.922.8080

CITY PLAN SPONSORSHIP LEVEL

PARKING, PLANNING and DESIGN www.TIMHAAHS.com

**TimHaahs Congratulates
ASCE on its 100th Anniversary**



TimHaahs
ENGINEERS & ARCHITECTS
ATLANTA | MIAMI | NEW BRUNSWICK | PHILADELPHIA



JACOBSTM

Creating Value ...

Michael Baker Jr., Inc.
www.mbakercorp.com



... Delivering Solutions
Creating value by delivering innovative and sustainable solutions for infrastructure and the environment.
201 Gibraltar Rd., Suite 201 • Horsham, PA 19044 - 215.444.0888
1818 Market St., Suite 3110 • Philadelphia, PA 19103 - 215.568.0539
300 American Metro Blvd. • Hamilton, NJ 08619 - 609.907.9500 **Baker**



TANTALA ASSOCIATES
ENGINEERS & ARCHITECTS
www.TANTALA.com

6200 FRANKFORD AVENUE
PHILADELPHIA, PA 19135

T: 215.289.4600
F: 215.289.4601
E: mail@tantala.com

civil engineering
structural
geotechnical
site development
risk management

FRANKFORD AVENUE BRIDGE SPONSORSHIP LEVEL



GILMORE & ASSOCIATES, INC.
ENGINEERING & CONSULTING SERVICES
BUILDING ON A FOUNDATION OF EXCELLENCE

SECTION SPONSORSHIP LEVEL



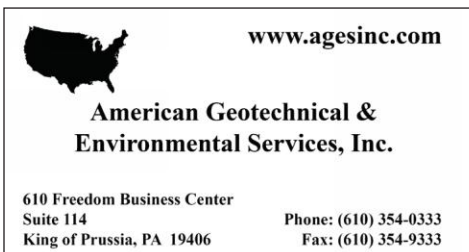
DREXEL UNIVERSITY
Civil, Architectural & Environmental Engineering
Part-Time and Full-Time Graduate Study
(funding available for full-time study)

Structural Engineering Geotechnical/Geosynthetics Engineering Sustainable Engineering
Architectural Engineering Environmental Engineering Hydraulics, Hydrology & Water Resources
Air Quality

Dr. Charles Haas Head, Civil, Architectural & Environmental Engineering haascn@drexel.edu
Dr. Mira Olson Graduate Advisor (215) 895-2987 mira.s.olson@drexel.edu



KJM Consulting, Inc.
120 E Lancaster Avenue, Suite 105
Ardmore, PA 19003
610.896.1996 | www.kmjinc.com

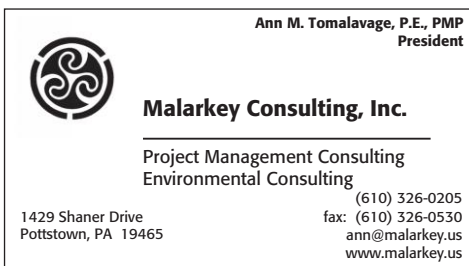


www.agesinc.com
American Geotechnical & Environmental Services, Inc.
610 Freedom Business Center Suite 114 King of Prussia, PA 19406
Phone: (610) 354-0333 Fax: (610) 354-9333

FAX 610-696-7864 610-738-8762
CELL 610-761-1303 800-545-1531
EMAIL bmil@softdig.com

UNDERGROUND SERVICES, INC.
SoftDig
Subsurface Utility Engineers
Robert L. Milken 24 Hagerty Blvd., Unit 11 West Chester, PA 19382 President

Ann M. Tomalavage, P.E., PMP President



Malarkey Consulting, Inc.
Project Management Consulting
Environmental Consulting (610) 326-0205
1429 Shaner Drive fax: (610) 326-0530
Pottstown, PA 19465 ann@malarkey.us
www.malarkey.us



Mainstay
ENGINEERING GROUP, INC. Civil Engineering
Structural Engineering
Project Management

Matthew E. Hilbush, P.E.
William J. DiCarlo, P.E.
Principals

110 West Butler Avenue
Ambler, PA 19002
p. 215.646.5595
f. 215.646.5568
info@megr.com
www.megr.com



McCormick Taylor
Engineers & Planners Since 1946
www.mccormicktaylor.com

CITY PLAN SPONSORSHIP LEVEL



1700 Market Street, Suite 1600
Philadelphia, PA 19103
T 215.735.0832 F 215.735.0883



A full service transportation engineering firm specializing in:
Traffic Engineering
Transportation Planning
Highways
Transit
ITS/Signals
Structures
Water Resources
Highway Safety
Data Collection
Land Survey
GIS

Corporate Headquarters: Fort Washington, PA 215.283.8444
Exton, PA 610.354.1995
Camp Hill, PA 717.925.0295
Yardville, NJ 609.585.5745
www.mcmtrans.com



O'DONNELL & NACCARATO
Nick Onelli, PE, SECB / President & CEO

**STRUCTURAL ENGINEERING
FACADE RESTORATION
PARKING CONSULTATION**

PHILADELPHIA WASHINGTON SQUARE - 18th & WINDSOR STS.
Corporate Address: Reservations: 215.985.3788 | 9:00 AM - 5:00 PM

Graduate Engineering at the Philadelphia Navy Yard!



VILLANOVA UNIVERSITY
IGNITE CHANGE. GO NOVA.

APPLY TODAY!

- Geotechnical/Geostructural Engineering
- Tunnel Engineering
- Dam Engineering
- Environmental Services
- Geoscience Services
- Construction Services



schnabel-eng.com
West Chester, PA T 610-696-6066

FRANKFORD AVENUE BRIDGE SPONSORSHIP LEVEL

Integrated Engineering and Environmental Solutions



ENGINEERING & ENVIRONMENTAL SERVICES
215.491.6500 www.langan.com



VILLANOVA URBAN STORMWATER PARTNERSHIP
www.villanova.edu/VUSP



Responsive People | Creative Solutions

FRANKFORD AVENUE BRIDGE SPONSORSHIP LEVEL



JBC ASSOCIATES, INC.
Construction Management
120 S. Warner Road, Suite 100
King of Prussia, PA 19406
610.992.9090
Fax 610.992.9099
www.jbcassociates.com

"Success is in the details. We handle them for you."



ENGINEERING AND CONSTRUCTION
1835 Market Street, Suite 300
Philadelphia PA 19103
phone 215-979-7700
fax 215-405-2510
burns-group.com

With Offices in:
Chicago, IL, Dallas, TX, Iselin, NJ,
McLean, VA, New York, NY, St. Louis, MO

Solutions that build your future!

TRAFFIC PLANNING AND DESIGN, INC.



WWW.TRAFFICPD.COM
Est. 1989

BEST PLACES to work in PA 2009

Now Hiring Bridge Design Engineers at all Locations:
CAMDEN, NJ POTTSTOWN, PA LEHIGH VALLEY, PA
HARRISBURG, PA PITTSBURGH, PA

Our Services:

- Water/Wastewater
- Environmental & Natural Resources
- Transportation
- Traffic and Planning
- Construction Management
- Facilities



JOHNSON, MIRMIRAN & THOMPSON
Engineering A Brighter Future®
jmt.com

Philadelphia, PA
Allentown, PA
Trenton, NJ
Newark, DE

Offices strategically located throughout the United States

the **100th Anniversary** ASCE PHILADELPHIA SECTION news

PHILADELPHIA SECTION
AMERICAN SOCIETY OF CIVIL Engineers

215 S. 16th Street, Suite 16, Philadelphia, PA 19102
Telephone/Reservations: (215) 985-5703
Web site: <http://www.asce-philly.org>
National ASCE Central Number Toll Free 1-800-548-ASCE