

100TH ANNIVERSARY YEAR — A ROUSING SUCCESS!

On October 17, 1912, twelve men met to formulate the plans of what was to become the Philadelphia Section of the American Society of Civil Engineers. Their primary objective was "... to promote closer professional and social contact among its members and to further the aims of the Society...". The plans for the Section were submitted to ASCE and the National Board of Directors approved, resulting in the official creation of our Section on June 14, 1913.

Last season, we celebrated our 100th anniversary as a Section in several different ways, and from all accounts, it was a success and well received by all. A full report on our 100th Anniversary Gala/Spring Social and Dinner Dance will be provided in the October edition of *THE NEWS* to kick off Season 101.

It's hard to imagine that the world as it existed at the time our Section was started was a vastly different place than the one we find ourselves on 100 years later. Not too surprisingly, most of the changes between then and now are technological ones, and many of these, we can proudly say, had the direct involvement of engineers to drive them. A few examples:

Most communication was in the written form — radio was in its infancy and not available to most people (commercial radio would get its very limited start eight years later), and telegraph/telegrams were the only other means of communication.

Movies were silent and would stay that way until the late 1920's.

Telephones were a luxury (and no such thing as cell phones — how did people exist?!).

Electric power was mainly a city/built-up area item and was rare in rural areas (and would remain that way until the late 1930's).

Transportation was entirely on "terra firma" or water, and mainly by rail, and slow. Water transport was even slower. To go from coast to coast, it would take 4–5 days by rail. There were no continuous roads to allow this to be driven — transcontinental auto trips were done occasionally by daredevils. One could make the trip by ship but it was by way of Tierra del Fuego in South America, since the under-construction Panama Canal would not open until 1914. There were no airlines to use or lose your luggage.

ASCE, PHILA. SECTION MEETING SCHEDULE 2013–14

The Section Meeting program for the upcoming season is in the very preliminary stages and our meeting program committee is busy lining up speakers and topics for what we hope will be an interesting and informative series of meetings. Our intent at this point is that we will be following the second-Thursday of each month pattern as we have in the past, except where joint meetings will need to take place on different nights to meet the schedules of our meeting partners (see below).

In coming issues of *THE NEWS*, this information will be "fine-tuned" to provide updates as they are available. We also suggest you visit the Section website for the latest changes in our meeting program. As we have done, each month's edition of *THE NEWS* will feature detailed information on that month's meeting along with as much information as is available for the following month's meeting, and the "look-ahead" schedule will show details that are available at that time for your advance awareness.

We also noted the success of the varied locations of meetings and will continue to schedule a mix of Center City and suburban venues to make them as convenient as possible for you. More details will be provided on meeting locations as they are set.

Dinner meetings generally follow a schedule of a cocktail hour starting at 5:30 PM, dinner at 6:30 PM, and the meeting presentation following

at approximately 7:30 PM, unless As always, you are welcome to attend the meeting presentation without dinner at no cost if you prefer to do so.

As of this printing, we expect that the October, November, February, March and April meetings will hold to our second-Thursday pattern. The following meetings have been scheduled on the noted dates:

2013

October

November

December 9, 2013 (NOTE: Monday) — "multi-society" joint meeting with Engineers' Club of Philadelphia, Society of American Military Engineers, Construction Management Association of America, and others

2014

January 15, 2014 (NOTE: Wednesday) — joint meeting with American Society of Highway Engineers

February

March

April

We will also be scheduling our annual Spring Social/Dinner Dance in **May**. More information will be provided as this becomes available in coming editions of *THE NEWS*.

Government was pretty much handled by men — women could not vote in many states or in federal elections. US Senators were, in many states, elected by the state legislatures (that would change nationally to allow popular vote for Senators in 1913 with the 17th Amendment to the Constitution). The 16th Amendment, also passed in 1913, started the federal income tax, which became effective on wages earned that year, at a minimum rate of 1%. The maximum tax rate, 7%, was imposed on those wealthy individuals making \$500,000 or more.

Henry Ford introduced the concept of the assembly line, which would in a very short time result in automobiles becoming less of a luxury and more common.

The first crossword puzzle appeared in the New York World newspaper.

An interlocking-tooth joiner which would eventually become more commonly known as the zipper was invented by Gideon Sundback.

The US Post office began offering Parcel Post delivery. For the first time, packages could be sent through the mail, competing with companies like Railway Express, American Express and Wells Fargo, which until that point handled package delivery (and the two of these companies that still exist are financial concerns today).

President Wilson signed the Glass-Steagall Currency Act which created the Federal Reserve system.

In 2013, the world is a greatly-advanced place, mainly because of the contributions of Engineers of all disciplines.

JOHN PICKETT

We were advised that long-time Section member **John E. Pickett** passed away on May 10. John is survived by a sister, a daughter and two sons. John had served for many years as a planner and Director of the Delaware County Planning Department. He was cited as our Section's Government Engineer of the Year in 2008.

CURRENT ASCE ELECTION AND ASCE PHILADELPHIA SECTION'S CONTRIBUTIONS

By: Christopher Menna, Region 2 Vice Chair

For those of you that have voted, I thank you for your support. I am much honored to have the opportunity to be your next Region 2 Director. This would not be possible without the support of my family and my employer, the Philadelphia Department of Streets. I would like to recognize the efforts of Section members and co-workers **Darin Gatti** and **David Perri** in making the case for the Department to support this high-level volunteer position. Regarding government member participation in high-level ASCE volunteer positions, this is an exciting time with current examples such as current National President **Greg DiLoreto** (Portland (OR) Water Authority), incoming National President **Randy Over** (Ohio DOT), and National Past President **Blaine Leonard** (Utah DOT), to name a few.

The last few years I have been the Assistant or Vice-Chair of Region 2, supporting the efforts of current Director **Rob Victor**, a member of the Pittsburgh and National Capital Sections. The Director not only serves to oversee the Governors of the Region and to be the main conduit with ASCE National, but also serves on the National Board of Direction for our Society. Under the old governance structure, this would be equivalent to the old District 4 Director within Zone 1, offered to the Philadelphia Section on a rotating twelve year cycle. During the time of District 4, our Section provided District Directors such as **Joe Syrnick**, **John Durrant** and **Chuck Pennoni**.

As I prepare to take on this new role during the October 2013 National Conference, I'd like to remind our Section members that we have much to be proud of, as one of the most active and strongest Sections within Region 2. Although Governors do not just represent the Section in which they reside (the Governors are not tied geographically and serve all members within Region 2), it is important for our Section to put up new blood for the Governor position. I challenge the current Section Board and our YMF to find such a person to follow the footsteps of those mentioned.

I am excited about this new job and look forward to working with and representing each and every one of you. It has been quite some time since our area has had such high level participation. You can be assured that I will proudly carry Philadelphia in whatever I do.

NEWS/EVENTS FROM ASCE NATIONAL

ELECTIONS - DON'T FORGET TO VOTE

Elections for ASCE National President-Elect and other positions are now open. Ballots have been mailed to members and you can return a hard copy of your completed ballot or vote on line as indicated on the mailed ballot. A passcode for voting on line is provided on the mailed ballot. The "polls" close on **August 14**, so make sure you vote and have your voice heard!

For the second year in a row, there is an actual contest for the President-Elect position, thus you will need to choose between two very qualified candidates — **Robert Stevens** and **Mark Woodson**. We would suggest you visit the ASCE website and read the candidates' biographies and qualifications. Our Section does not generally endorse or recommend particular candidates for office. We prefer to have you rely on your own judgement, opinion and knowledge to make your personal decision and we do not intend to sway this in any way. We can say that both candidates come with impressive resumes and backgrounds and each would serve the Society well.

There are other positions up for grabs as well — the At-Large Director and Region 2 Director (our own Chris Menna), as well as four candidates for Region 2 Governor, for which you can select any two. All four of the candidates are highly qualified, and we would advise that you check National's website for biographies and more information on them.

The only thing we would urge you to do in this election is VOTE. If you don't, that will guarantee that your voice will not be heard. Please take this opportunity to express your desires and participate in this election.

Eligible voters must have been current on ASCE dues by May 15 and be at the Associate grade or above. If you meet these requirements and have not received an e-mail and/or "snail mail" notification on the election and voting, please contact ASCE Customer Service at **703-295-6300**.

REGISTRATION OPEN FOR ASCE'S 143RD ANNUAL CIVIL ENGINEERING CONFERENCE!

OCTOBER 9-12 • CHARLOTTE, NC

The theme of this year's Conference is *Civil Engineers – The Foundation of the Nation*.

Visit www.asce.org for more information.

AH, SUMMER, WHAT POWER YOU HAVE TO MAKE US SUFFER AND LIKE IT.

— Russell Baker

SECTION OFFICERS AND BOARD OF DIRECTION 2013-14 SEASON

At our 100th Anniversary Gala/Spring Social on May 4, our Section's officers and Board members for the coming season were 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 and 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, Langan Engineering & Environmental Sciences ('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 M. Tomalavage, Malarkey Consulting, Inc.*

Thomas W. Brady, Louis Berger Group*

President, Reading Branch: E.J. Walsh, McCarthy Engineering

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

We wish these brave and generous folks our collective good luck.

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ASCE YMF BOARD MEMBERS 2013–14

The YMF hosted its annual Election Happy Hour at **Tavern on Broad** on May 22. Approximately 30 people attended to elect the new Board. Your new officers and chairs are:

President: **Chris Gray** (TimHaahs)

Vice-President: **Drew Sirianni** (McMahon)

Secretary: **Stephen Maakestad** (HatchMott)

Treasurer: **Chris Renfro** (Philadelphia Streets Department)

Public Outreach: **Amanda Kessler** (Amtrak)

K-12 Coordinators: **Jesse Gormley** (Pennoni), **Brett Coleman** (TPD), **Meredith Lis** (Pennoni)

Community Service Chairs: **Zack Suralik** (STV), **Scott Cepietz** (RK&K)

College Contacts: **Kevin Brown** (Urban), **Andrew Bechtel** (The College of New Jersey)

Social Chairs: **Nha Truong** (City of Philadelphia), **Mike Zettlemoyer** (Powell Trachtman)

Technical Groups Chairs: **Marc Preim** (STV), **Jeremy Pampuch** (RK&K)

Affiliate Society Liason: **Colette Montague** (Urban)

Professional Development Chairs: **Jennifer Reigle** (Pennoni), **Niki Eno** (Figg)

Social Media Chairs: **Adrienne Nikolic** (Ernst & Young), **Allie Sedor** (Pennoni)

IT Chair: **Eammon Farley** (TPD)

Past-President: **Kazi Hassan** (Pennoni)

STEM EVENT

On May 8, **Kolleen Backlund**, **Jesse Gormley**, and **Amanda Kessler** participated in the annual STEM Night at McCall Elementary School in Center City Philadelphia. The evening was comprised of presentations followed by demonstrations of science experiments set up by 7th graders. Kolleen spoke to a group of approximately 50 students about “What is Civil Engineering” followed by a demonstration on how reinforcing material enhances soil stability.

Following the presentations, YMF set up a table with a structure building activity, in which students were able to construct their own bridges and buildings using toothpicks and gumdrops. Overall, the evening was a huge success with both students and parents enjoying all of the STEM related activities.

WISSAHICKON TRAIL RESTORATION

YMF is teaming up with the **Friends of Wissahickon** to complete a trail restoration project in Wissahickon Park. On **Saturday, July 27 at 9:00 am**, volunteers will be meeting at the Kitchen’s Lane parking lot. The project consists of cutting tread, moving rock, removing invasive species and restoring a section of erosive trail. This will be an on-going partnership throughout

the year. For anyone who would like to volunteer, please visit <http://www.ymfphilly.org/events.htm>.

AMTRAK NORTHEAST CORRIDOR PRESENTATION

Come join the YMF on **August 14** for a lunchtime technical seminar and tour at 30th Street Station. **Rich Lobron** from Amtrak’s NECIID will be presenting *The Amtrak Vision for the Northeast Corridor*. The presentation will take place at noon, followed by a tour of 30th Street Station. Lunch will be provided and participants will be eligible for 1 PDH. To register for this event, please visit <http://www.ymfphilly.org/rsvp.htm>.

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 7:05 PM game against the Colorado Rockies will also be featuring the Cole Hamels Bobblehead Giveaway! The group has reserved 100 tickets in Section 302. Reservations will remain open until the tickets sell out. Please visit the YMF Events page at www.ymfphilly.org/events.htm for additional event and RSVP information.

PHILADELPHIA ENGINEERING FOUNDATION GOLF OUTING — A “FUN-DRAISER”

If you are a serious golfer, please skip to the next article.

If you’re looking for a fun and interesting day on the golf course, please mark the date of **Monday, October 7** in your calendar and plan to join us fun-seekers at the **14th Annual Philadelphia Engineering Foundation (PEF) Golf Tournament** (formerly known as the Engineers Week Golf Outing). The Tournament will be held at the **Blue Bell Country Club** in Blue Bell, the same location as the past two years. Various sponsorships, foursomes, and individual play are available. Those who adopt a hole will be challenged to create an interesting and fun contest for that hole, where a prize of the sponsor’s choice will be awarded to the successful participant.

Registration starts at 8:00 AM and clubs start swinging with a shotgun start at 9:00 AM, with lunch and prizes following golf, all for a good cause — the **Philadelphia Engineering Foundation**, which funds and administers scholarships in conjunction with the Engineers’ Club of Philadelphia that are awarded during Engineers Week. Please visit the Foundation’s website, www.pefound.org, for more information.

If you don’t golf at all, we could use some volunteers for the day as well.

CALL FOR PRESENTERS — 2013 PENNSYLVANIA STORMWATER MANAGEMENT SYMPOSIUM — OCTOBER 17–18

You are invited to submit an Abstract to the **2013 Pennsylvania Stormwater Management Symposium “Stormwater From the Ground Up”** to be held on the campus of **Villanova University** on **October 17–18**. The purpose of the symposium is to advance the knowledge and understanding of sustainable stormwater management for those dealing in all aspects of planning, design, construction, maintenance and operations, and regulatory compliance. A workshop for non-engineers will be held preceding the symposium. This is the ninth symposium on stormwater issues that has been held by Villanova since 1998.

The symposium organizing committee is seeking presenters for the proposed sessions. Interested authors are encouraged to submit a brief abstract of not more than 300 words. Extended Abstracts are encouraged for both podium and poster presentations, and will be included in the conference proceedings. Electronic submittal is required. Symposium registration fees are reduced for the authors. Due to space constraints, no more than two articles per firm are allowed. More information to include how to submit your proposal is available on the VUSP Website Home page — <http://www.villanova.edu/vusp/>.

For more information to include sponsorship opportunities contact **Dr. Traver**, Director, Villanova Urban Stormwater Partnership (robert.traver@villanova.edu).

ARCHITECTURAL ENGINEERING INSTITUTE STUDENT CONFERENCE

The **Drexel University College of Engineering** is pleased to announce that it will be hosting the **2014 Architectural Engineering Institute Student Conference** in Philadelphia on **March 27–29, 2014**. We are in need of financial contributions in order to host a successful Conference and ask for your support. The Conference is an opportunity for students and professionals across the country to interact with peers with similar interests in the Architectural Engineering profession. The Conference is also home to the **ASCE Charles Pankow Annual Architectural Engineering Student Competition**. For more information about the various sponsorship levels and the conference in general please visit our website at <http://drexel.aeistudents.org/contribute>. If there are any questions please contact the Drexel AEI President, **Nathan Barry**, at nab62@drexel.edu.



PRESIDENT'S MESSAGE

*Newly-installed ASCE,
Philadelphia Section*

President Jenn Walsh sent us a short message (from an undisclosed location — maybe the shore?).

As I begin this new year as President, I just would like to thank everyone who helped make the 100th Anniversary Celebration a success!! Our 100th Anniversary Gala was a great night celebrating the accomplishments of our Section over the past 100 years! It was an honor and privilege to share such a special occasion with such amazing people. For those that attended, we hope you had a great time and for those that unfortunately were unable to make it, we still hope to see you at an upcoming event.

The summer is a time to wind down, refresh and get geared up for the upcoming year. We will be working on our Centennial Guide over the summer and into the fall, along with planning exciting programs for the upcoming year. We welcome your input, ideas and energy to continue to make the next 100 years for this section even better than the first 100 years! Keep your eye out for the first official newsletter of the year which will highlight more about our 100th Anniversary and provide information on the upcoming year of programs.

Sincerely,

Jennifer K. Walsh, P.E.
President, ASCE, Philadelphia
Section

AND THANKS TO OUR SPONSORS !

We are happy to report that our enhanced and expanded Section Sponsorship Program has enjoyed another successful season. As you may recall, we developed the “enhanced” part to raise additional funds to support planned activities and commemoration of our 100th Anniversary year — and we are pleased to note that many of our members’ firms responded generously to the “cause.”

We are grateful for those who made the financial commitment for last season, with a total of 28 sponsors who rose to the occasion. In October, we’ll provide more details on this as well as how we did with our fundraising goal (\$50,000) for the 100th Anniversary events.

Sponsor logos are displayed in a special Sponsors section of our website. Additionally, we provide direct links to sponsors’ own websites so prospective employees can review all available and up-to-date positions. We do not show the sponsors’ logos in the Summer edition of *THE NEWS* but will pick it up again in the fall. And speaking of this...

We intend to contact current sponsors later this summer with more information on the program for the coming season. We hope the program will be as successful then as well.

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

UPDATE ON PROFESSIONAL DEVELOPMENT REQUIREMENTS

As you may be aware, professional Engineers, land surveyors and geologists in Pennsylvania are required to obtain continued professional development (CPD) credit to renew and keep their licenses. This became effective in 2009 and was required for renewals in 2011. In September, many of us will be renewing our licenses for the second time since this requirement was put into place, so you may remember the “drill” insofar as having your hours, etc and the information you may need to substantiate this. If not, 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.

New Jersey has also instituted requirements for continuing education which became effective in 2011. A current licensee shall be required to obtain 24 continuing professional competency credits during the current licensure period (which expires April 30, 2014), two of which shall be in professional practice ethics. Please visit the New Jersey State Board of Professional Engineers and Land Surveyors website for more information on this (www.nj.gov/lps/ca/pels/pels_licensee.htm).

It appears that Delaware will also be implementing continuing education requirements in 2014 but no details have been made available on this as yet.

We will keep you updated on what is happening in Delaware and how our program will be able to respond to the stipulations of its program as this develops.



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