

### REMAINING SECTION MEETINGS 2016-17

Our “look-ahead” schedule of remaining meetings is provided below for your planning purposes and to add to your calendar to hold the dates. We suggest you visit the Section website and view our regular e-mail blasts for the latest changes and additions in this program.

As always, you are welcome to attend the meeting presentation without dinner at no cost if you prefer to do so. This may be subject to space available at the particular venue.

#### APRIL 6

Multi-topic meeting/breakout sessions  
Philadelphia Marriott West, West  
Conshohocken  
Topics to be confirmed

#### MAY

Spring Social  
Location and date to be determined

### TIME FOR NOMINATIONS OPEN FOR SECTION OFFICERS

It seems like we just did this, but it is indeed that time again. If you have an interest in being a part of the Section’s governance, your opportunity has arrived. In accordance with the Constitution and Bylaws of the Section, President **Guy DiMartino** will be appointing a Nominating Committee to recommend a slate of officers for all Section elective offices for the 2017-18 administrative year. The positions which will be open for nominees are President Elect, Vice President, Treasurer, Membership Secretary, and at least three Director positions.

Please feel free to nominate yourself or a colleague if you are interested in serving the Section in one of these capacities. We are looking for hard-working, dedicated volunteers who have fresh ideas.

The deadline for nominations is **Friday, March 3**. Any inquiries or nominations should be submitted to the Section’s Secretary, **Briana Earle**, whose contact information is given on page 2.

### NOTICE: FEBRUARY MEETING

There will be no formal Section Meeting conducted this month.

### ASCE, PHILA. SECTION HAPPY HOUR

We will be scheduling a **Section Happy Hour** to congratulate our members who will be honored during **Engineers Week** (see the separate article on Engineers Week events for more details). We welcome you to attend a special networking event and participate in our citation of

*Delaware Valley Engineer of the Year – John Nawn*

*Delaware Valley Young Engineer of the Year – Kazi Hassan*

The details on this event are:

**DATE: Tuesday, February 28**

**TIME: 5:30 PM**

**LOCATION: City Tap House; 2 Logan Square (18th Street at Cherry Street), Center City**

**PRICE:** No admission charge – appetizers will be provided, drinks will be by individual purchase

**RSVP:** Reservations can be made via e-mail at [info@asce-philly.org](mailto:info@asce-philly.org) or electronically through our website ([www.asce-philly.org](http://www.asce-philly.org)). The venue has a capacity limit and reservations are encouraged to allow us to plan accordingly.

We hope you will be able to join us for this unique opportunity to pat our members on the back. And, in March, we will return to our regularly-scheduled meeting program, as noted below.

### MARCH DINNER MEETING

American Society of Civil Engineers, Philadelphia Section

### THURSDAY, MARCH 9, 2017

**Maggiano’s Little Italy, 1201 Filbert Street (corner of 12th Street), Center City**  
Cocktails 5:30 PM, Dinner 6:30 PM, Meeting Presentation Follows 7:30 PM

**SUBJECT: Delaware River Channel Deepening/Dredging Program**

More information will be provided in the March edition of *THE NEWS*.

### KEEPING OUR “I” ON INFRASTRUCTURE

*As we know, and apparently too many others do not, infrastructure funding is critically needed. This is a nationwide crisis, and some areas are doing better (or worse) than others. It is apparently too early in the new presidential administration to tell which way our nation’s leaders will be going with this (despite the problems and backlogs we face...). We will provide this occasional report on the state of infrastructure around our country for your awareness.*

Thanks to Reuters for this recent update on the Washington Metro, which (hard to believe) celebrated its 40th anniversary of rapid transit service in our nation’s capital in 2016, and is unfortunately starting to show its age.

Hailed as “America’s Subway” when it began operating, Metro could now serve as Exhibit A for the US infrastructure woes President Donald Trump has vowed to fix. Crucial to helping the federal government run smoothly, the second-busiest subway in our nation is facing falling ridership, accidents, a significant budget gap, job cuts, and soaring costs to fix its crumbling rail lines.

Its problems became clear last March when the system shut down for a day of safety inspections following a fire. That caused commuter chaos, leaving workers scrambling to find transportation via buses, carpools and bikes. Passenger traffic on the system has fallen nearly 20 percent from a



**PRESIDENT'S MESSAGE**

I hope everyone had a happy new year. The Section Board is constantly working to continue to provide beneficial and interesting events, and we have a tremendous schedule planned for 2017. In mid-January, we partnered with ASHE, as **Brad Heigel**, Chief Engineer for the Pennsylvania Turnpike Commission, provided an update of the Turnpike's program.

Of course, February is known by us because of **National Engineers Week**.

This year will be the 67th year that our profession will be celebrated during Engineers Week since it was started by NSPE. This was established to coincide with Presidents Day, as George Washington is often described as the America's first Engineer for his survey work. Engineers Week is a time when we continue to raise public awareness of Engineers' positive contributions to quality of life and increase interest and understanding in Engineering and Technology careers. The annual Awards Luncheon will kick-off **Delaware Valley Engineers Week** on **Friday, February 17**, followed by the Young Engineers Social on February 21, and celebrations will conclude on February 23 with the Awards Reception and Student Showcase.

On Thursday, March 9, our Section's dinning meeting will return to Maggiano's where the Delaware River Dredging will be featured. The annual Technical Group Multi-Topic Meeting with breakout sessions will be held on **Thursday, April, 6** at the **Marriott** in Conshohocken, which is a new venue for the Section and has convenient access to public transportation. The Section is also entrenched in planning the Spring Social for May, as well as other exciting events which will be unveiled as the details progress. Please check our website and keep an eye out for our emails with information on these events.

Sincerely,  
Guy DiMartino, P.E.  
President, ASCE Philadelphia Section

**"I" ON INFRASTRUCTURE**

*Continued from Page 1*

2009 peak, with former riders finding other ways to get to work or telecommuting to avoid the trains. This has set off a vicious cycle of lower revenues leading to service cuts and higher fares that drive more riders away. The head of the system's largest union says the Metro is in a "death spiral," and analysts suggest its only way out could be bankruptcy or a federal takeover.

Trump's vow for \$1 trillion in infrastructure spending across the country offered a rare glimmer of hope to the Washington Metropolitan Area Transit Authority (WMATA), which oversees the subway. The system is of particular concern to federal officials since many of the 700,000 people who ride it each day work for the US government. When it struggles to stay open during snowstorms, it often snarls government operations.

Metro is far from alone in falling behind, with subways and transit systems in other cities also facing billions of dollars in delayed maintenance. Nationwide, our public transit systems have an \$86 billion repair backlog, according to the American Public Transportation Association. Metro has long been plagued by safety systems that the National Transportation Safety Board recently called "fundamentally flawed." Eighteen passengers and workers have died since 2005, according to the Federal Transit Administration, which took over safety supervision in 2015, the first time a subway system has come under US government oversight for such lapses.

Much of the trouble at Metro, which also carries many of the 21 million tourists who visit Washington each year, is its reach from the District into neighboring Maryland and Virginia. It relies on those states, as well as federal and local governments, to cover close to half its costs.

Washington's Democratic mayor has proposed a 1-cent sales tax to fund the system, an idea that both Virginia and Maryland governors rejected.

In a proposed \$1.8 billion budget for the coming fiscal year (beginning in July), Metro warned it would need to run trains less frequently and raise fares to offset declining revenue, with hundreds of layoffs of Metro employees part of the cuts. But these cuts are not keeping up with the decline in revenue, and Metro will have to ask for another \$130 million from the District of Columbia, Virginia and Maryland to close a projected \$290 million shortfall in its next budget.

**DON'T FORGET TO RENEW**

Retaining membership in ASCE allows you to stay connected to the latest industry trends and keeps you linked to the best professional development programs and engaged with a worldwide network of peers. Your continual involvement builds a solid foundation to keep your career on track and moving toward achieving your professional and personal goals.

Dues for the current year were payable by January 1, but, if for whatever reason, you have not renewed, please avoid an interruption in your benefits and renew now. Choose the renewal option most convenient to you: online at [asce.org/renewal](http://asce.org/renewal) (the quickest and easiest way), by phone at **800-548-ASCE (-2723)**, or by mail, using the invoice sent to you last fall (if you still have it). Ensure a positive return on your investment in a Civil Engineering career by renewing with ASCE.

**ASCE, PHILADELPHIA SECTION  
OFFICERS AND BOARD OF  
DIRECTION — 2016-17 SEASON**

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Jennifer K. Walsh, McMahon Associates Inc.\*

*\* 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 show the most recent three Past Presidents as has become our tradition.*

**President — Guy DiMartino, P.E.**

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**Editor of THE NEWS**

Robert Wright

**Section Outreach Coordinator**

Nha Truong

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Philadelphia, PA 19104

**COPY DEADLINE FOR**

**March 2017 ISSUE**

**February 17, 2017**



## YOUNGER MEMBER FORUM NEWS

Nicole Eno, Forum Editor

Kevin Brown, Forum President 2016-17

Urban Engineers, Inc.

530 Walnut Street

Philadelphia, PA 19106

kbrown@urbanengineers.com

## ASCE/ASHE JOINT HAPPY HOUR DECEMBER 16

YMF teamed up with the ASHE Delaware Valley Young Members Committee for our annual **Winter Happy Hour** at Rock Bottom Brewery in King of Prussia. The two groups combined to provide appetizers for those in attendance, who also enjoyed hand-crafted Rock Bottom beers and cocktails at happy hour prices, with a turnout of close to 50 young professionals and students from throughout the greater Philadelphia area. This event always provides a great opportunity to enjoy the company of some new and old faces just before the holidays.

## K-12 OUTREACH DECEMBER 16

Charlie Mumford, one of our K-12 co-chairs, coordinated STEM and Civil Engineering presentations at Pottstown High School, with two classes of 10th-12th grade Engineering students designing and testing their own dams. Eric Harbeson, PE and Daniel Bhaumik joined the efforts as well. Charlie said, "The day was meaningful to Daniel and I, since we visited some of the same students this same time last year. After discussing Civil Career paths with the juniors last December, it was great to hear what colleges they were now getting accepted to from Bucknell to Stanford to MIT." Last year YMF simulated back-to-back earth retaining wall design activities with the Pottstown High School Engineering students, which was great to compare and contrast design strategies between the retaining wall activity and the dam activity. Thanks to our volunteers and also to **Kolleen Backlund, PE** for allowing us to borrow materials for the activity.



## MLK DAY PARK CLEAN-UP JANUARY 16 • RALPH BROOKS PARK

As part of the MLK Day of Service, YMF joined up with Urban Roots and numerous other

organizations to complete a clean-up at **Ralph Brooks Park** in Point Breeze. The Park was renovated in September 2015 as a joint venture between the Make the World Better Foundations, Urban Roots, Pennsylvania Horticultural Society, Mural Arts and others. The park includes a basketball court, jungle gym area, and two large public gardens.

Volunteers met a couple blocks away at the Dixon House where they picked up T-shirts and supplies. Among all groups involved, there were approximately 50 people taking part in the clean-up; 3 people participated from YMF. The clean-up began around 10 AM and was complete by 1 PM. Two special guests who are closely associated with the park joined in – **Connor Barwin** from the Philadelphia Eagles and City Councilman **Kenyatta Johnson**.



## WINTER SOCIAL JANUARY 30

YMF hosted its annual Winter Social at **McGillin's Olde Ale House** in Center City, Philadelphia, and the usual "swarm" of over 150 participants was there to partake and fill the Ale House to the proverbial gills. Sponsorships were available and raffles were conducted to chance off donated gifts, with the proceeds going to support local charities. A full report will be provided in the March edition of *THE NEWS* in case you were not among those fortunate enough to attend.

## CIVIL CLUB

Registration is now open for the **Civil Engineering Club** at the **Chester A. Arthur School**. Sign up to lead a club session! All club sessions are pre-planned – just show up! Check out our 2016-2017 schedule on the CivE Club Page at [www.ymfphilly.org](http://www.ymfphilly.org).

Location: Chester A. Arthur School,  
2000 Catherine Street, Philadelphia.

Dates: Mondays; 3:30 PM to 5:00 PM

RSVP: <http://tinyurl.com/jk95kgu>



# N-ASCE\*

## SOME INFORMATION ON THAT BORDER WALL...

While we're not looking to jump into the swamp that is politics, we have heard President-Elect Donald Trump expound on his idea to build a wall along the US-Mexico border. As Engineers, we know this would be a fairly complex task. Last spring, when the idea first saw the light of day, CNN took a closer look into this.

The US-Mexico border stretches for 1,954 miles, and about 650 miles already have vehicle and pedestrian fencing, according to a recent report from the US Government Accountability Office. In those sections where there is no fence, the surrounding areas tend to be rocky, uneven, and arid, and a wall would be more costly and difficult to build. The estimated duration of construction is 16 years (or four Presidential terms, using that scale).

As far as building materials go, there are a few options. The construction experts CNN spoke to said the strongest wall would be made of cinder blocks. However, the process to build such a wall, stacking each block, one-by-one, over the entire border, would be too labor-intensive to make this choice feasible.

Another way, the experts said, would be pouring liquid cement high along the entire southwestern frontier [*we think they mean concrete, but they are the experts – Ed.*]. But as the cement solidifies in those hot temperatures, the resulting wall could become weak, leaving the project at risk of literally crumbling.

If a cinder block wall is too difficult and a poured wall too weak, the construction experts said a wall fashioned out of precast concrete panels would be the workable choice. Each panel, rising 20 feet high and set at least five feet underground, would extend 10 feet, then each would be lined up with reinforced steel, similar to what is often done to provide sound walls along highways. The Engineers estimated the panels would take at least 339 million cubic feet of concrete and 5 billion pounds of steel. This amount of concrete is three times what was used on the Hoover Dam.

Trump said early in his campaign that his wall would probably cost \$8 billion. Basing the cost on highway panels, the price tag for the wall alone would cost around \$10 billion, which is not accounting for the cost of construction over the border's diverse terrain or site access, which is difficult at best in many areas. [*And, as usual, no thought has been given to the time and effort it would take to design this wall, get permits/environmental clearance, and handle other pre-construction items – Ed.*] Recent numbers tossed around on this are as high as \$25 billion.

Trump has repeated many times that Mexico, not the US, would foot the bill. Mexico's president disagrees. (And those of you in construction thought negotiation of change orders was difficult...!)

Thanks to CNN for this information.

\* N – ASCE – not always something concerning engineering...

## JANUARY JOINT DINNER MEETING

January 18, 2017

Radisson Hotel, Valley Forge

### *Pennsylvania Turnpike Commission Program Update*

*by Robert Wright, Editor*

A dreary but warm January 18 set the stage for our annual trip to the King of Prussia “edge city” area for the traditional joint meeting with our compatriots at the Delaware Valley Section of the American Society of Highway Engineers (ASHE). It may be hard to believe that this joint arrangement has been happening since 1989 (with one year skipped in the 90’s for reasons no one seems to recall). Nearly 190 attendees from the combined Sections filled the room at ASHE’s usual meeting spot, the Radisson Hotel and Valley Forge Casino, to hear about the upcoming program and projects on the Pennsylvania Turnpike system. An opportunity to help others was available as well as the **ASHE Young Members Committee** conducted a clothing drive, and many generous and well-meaning attendees were observed bringing in big bags of donated clothes for the cause.

Delaware Valley Section President **Mark Kinnee** pried everyone away from the lively cocktail hour into the meeting room to welcome them and get dinner started. After a few announcements and a short presentation/update from the ASCE Student Chapter of the College of New Jersey (TCNJ), dinner was served. As dinner wound down, President Kinnee introduced the featured speaker, **Brad Heigel**, Chief Engineer of the Pennsylvania Turnpike Commission, to begin his presentation.

Mr. Heigel quickly made friends with the attendees as he referenced his “roots” in western Pennsylvania and allegiances to certain sports teams, one of which was (at the time) still playing football while our beloved Eagles were busy watching. Once this was out of the way, he provided several graphics and statistics on the Turnpike’s current efforts and budget. The challenge is to upgrade and rebuild the roadway, the oldest parts of which have been functioning for over 75 years, and to address the current traffic needs, particularly in the Philadelphia and Pittsburgh areas where the highway has become more of a commuter road than an intercity facility.

Mr. Heigel outlined the need to reduce the Turnpike’s capital plans and expectations given the requirements of Act 44 and Act 89 in recent years, which funnel a portion of toll revenues to PennDOT and transit agencies across the Commonwealth. Debt service imposed on this additionally will extract \$600 million annually, thus, despite toll proceeds of over \$1 billion last year, reflecting the highest travel year on the system, capital needs will outweigh resources for the next 20 years and possibly beyond. He reported that the Commission has been able to carve out a meaningful program to protect and preserve investment, continue the Total Reconstruction program, plan major upcoming projects such as the Allegheny Tunnel replacement, and move forward with ongoing “bread and butter” type resurfacing and rehabilitation efforts. Some efforts have had to

be deferred, primarily on the upper extremes of the Northeast Extension, but others on the Mon-Fayette Expressway and Southern Parkway sections will need to be advanced per previous legislation and commitments. Currently-underway programs, and those which have the benefit of outside funding, such as the I-95 interchange in our area, are nearing completion.

The system implemented its first cashless toll segment on the westbound lanes across the Delaware River Bridge just over a year ago and Mr. Heigel noted that several additional portions of this “collection” method will be implemented this year. This is facilitated by the expansion of EZ Pass and license plate reader technology. Over 80% of the vehicles that used the initial segment in the past year have EZ Pass as they have recognized the convenience and efficiency of this technology. The ultimate goal is to have a seamless and cashless system across the Commonwealth.

Mr. Heigel noted that the overall plan of improvements also recognizes capacity expansion where this is needed. The Turnpike has become a popular commuter route in the Philadelphia and Pittsburgh areas and backups have become an everyday occurrence. Two construction contracts are scheduled for letting this year for total reconstruction and widening near Pittsburgh, and the 1980’s widening to 3 lanes directional in the Philadelphia area is being re-evaluated to determine if additional lanes are needed in certain areas. This effort merely widened the roadway, retaining the original center and left lanes, and this may need to be planned for a more comprehensive rehabilitation or reconstruction program.

Mr. Heigel closed his presentation and urged those in the room to contact their legislators to request their support for additional funding and budget capacity to allow the Turnpike to do what it must do in the future.

President Kinnee thanked Mr. Heigel for this informative presentation.

## THANKS TO OUR SPONSORS

We thank those firms who have made the financial commitment to Section Sponsorship for this season. The business cards of these 14 firms are included in the sponsor section of *THE NEWS*. Sponsor logos are also 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.

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



## SPONSORS IN THE NEWS/ SPOTLIGHT

### TPD’S “12 DAYS OF GIVING” PROGRAM IS SUCCESSFULLY COMPLETE!

As the 2016 holiday season has come to an end, so has **Traffic Planning and Design, Inc.’s** unique holiday giving program, which was created to benefit students, residents (and animals) across the Mid-Atlantic region. This program also helped members of the firm continue to fulfill one of their collective corporate values: The commitment to bettering their surrounding communities through charitable work and giving.

The firm’s “12 Days of Giving” program spread holiday cheer in the following ways:

1. Donated \$500 to a Montgomery County STEM program
  2. Volunteered and donated clothing at the Pottstown Cluster in Pottstown
  3. Donated over 180 books to Liberty Thrift as well as the Children’s Hospital of Philadelphia
  4. Provided 171 toys to the US Marine Corps’ annual Toys for Tots program
  5. Donated and decorated 60 stockings at an adult day center in Limerick
  6. Donated over 3.5 lbs. of can tabs to benefit the Philadelphia Ronald McDonald House charity
  7. Sent over 120 lbs. of packaged, non-perishable foods, to the Daily Bread Food Pantry in Collegeville
  8. Over 25 staff members donated baked goods to food pantries and shelters in Montgomery and Chester Counties
  9. Donated wreaths as well as placed over 90 wreaths on veterans’ gravestones as part of the national “Wreaths Across America” program
  10. Provided over 70 (completely adorable) greeting cards to brighten the days of Manatawny Manor senior living residents in Pottstown, PA
  11. Collected over \$270 worth of donations for the Animal Rescue League of Berks County
  12. Donated over 280 craft kits to Caitlin’s Smiles of Harrisburg, which will then be bundled and sent to local hospitals to help occupy children’s down time at the hospitals
- TPD is a transportation Engineering firm with eight offices across Pennsylvania and New Jersey. TPD’s 130+ professionals specialize in providing highway design, bridge design and inspection, transportation planning and permitting, traffic signal and system design, construction management and inspection, complete streets and trail design, environmental services and permitting, as well as expert witness support for crash investigations.

To see photos and more information on all completed activities, click here: <https://trafficpd.smugmug.com/Winter-2016-12-Days-of-Giving/>



## TECHNICAL GROUPS/CHAIRS

Information on the ASCE, Philadelphia Section's Technical Groups is given below. 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  
dmacbride@septa.org

### DELAWARE VALLEY GEO-INSTITUTE (DVGI) [www.dvgi.org](http://www.dvgi.org)

Jay A. McKelvey III  
jaym@earthengineering.com

### ENGINEERING MANAGEMENT

Chair currently vacant

### ENVIRONMENTAL AND WATER RESOURCES

Eric Lindhult  
eric.lindhult@gmail.com

### STRUCTURAL ENGINEERING INSTITUTE (SEI) [www.sei-philly.org](http://www.sei-philly.org)

Josh Amsler  
joshua.amsler@aecom.com

### TRANSPORTATION AND URBAN DEVELOPMENT

William T. Thomsen  
wtthomsen@urbanEngineers.com

Please check the noted websites as well as the main Section site ([www.asce-philly.org](http://www.asce-philly.org)) for up-to-date information on Technical Group meetings and events. These will be included in our regular e-mail blasts as well.

## ENGINEERS WEEK EVENTS – OPEN FOR RESERVATIONS

The Engineers' Club of Philadelphia, through its Delaware Valley Engineers Week Committee, will be celebrating **Engineers Week 2017** from **February 17 through February 25** and will continue its schedule of three events which will highlight the various contributions of Engineers and Engineering students in the Delaware Valley. Please note this information in your calendar and plan to participate.

### KICKOFF LUNCHEON – Friday, February 17

Loews Hotel, Center City  
\$65, \$45 for government agency employees

### YOUNG ENGINEERS SOCIAL – Tuesday, February 21

2nd Story Brewing Company, Old City  
\$35, \$20 for students

### AWARDS RECEPTION/STUDENT SHOWCASE – Thursday, February 23

Dave & Buster's, Penns Landing  
\$75

Please visit [www.dvewc.org](http://www.dvewc.org) for more details and the reservation process. Reservations are due on February 10. After that date, prices will increase.

Section Member **John Nawn** has been elected as the **2017 Delaware Valley Engineer of the Year**. Section Director **Kazi Hassan** has been selected as the **2017 Delaware Valley Young Engineer of the Year**. Congratulations to John and Kazi on their honors! They will be formally installed at the Luncheon and recognized at all events.

## MEMBERS IN THE NEWS

### DAVID APPOINTED TO MAYOR'S COMMISSION

Section Past President **Ruben David** was one of 25 professionals and community leaders appointed to the Mayor's Commission on Asian American Affairs in December. These individuals represent the diversity of Asian American communities in Philadelphia. The Commission will advise the Mayor on issues and policies pertinent to Asian communities in the city, ensure diversity and inclusion for Asian communities within city policies, and assist Asian American community organizations in developing strategies and programs to enhance the social, cultural, and economic status of the Asian American community. The Commission will be housed within the Mayor's Office of Public Engagement. Congratulations to Ruben on this appointment.

### CLAYTON COMPLETES TERM AS WTS PRESIDENT

**Megan (Syrnick) Clayton** recently completed a successful two-year term as President of the Philadelphia Chapter of the Women's Transportation Seminar (WTS). Megan was cited for her service at the Chapter's annual Awards Banquet at the Crystal Team Room in the Wanamaker Building on December 1.

### PLATT RECOGNIZED AS ENR MIDATLANTIC TOP YOUNG PROFESSIONAL

Past President **Joe Platt**, Senior Project Manager and Leader of Traffic Planning and Design, Inc. (TPD)'s Traffic Engineering Group, has been named one of *Engineering News Record (ENR)*'s MidAtlantic Top Young Professionals in 2017. Formerly known as Top 20 Under 40, the awards program honors individuals who have built extraordinary industry portfolios early in their careers. This year's list is comprised of 22 professionals from Pennsylvania, Virginia, Maryland, and Washington DC.

Many of these professionals, including Joe, are major contributors to the profession and donate significant amounts of time and expertise to serve their communities. Joe serves as Township Traffic Engineer for numerous municipalities throughout the Delaware Valley, working closely with local officials to identify grant opportunities, prepare capital improvement plans, and develop project prioritizations for municipal capital improvement projects. Per a major client of Joe's, he is "very adept with county and regional traffic issues that impact [our township], has great rapport with and is highly respected by both County and PennDOT officials who we must interact with routinely in order to address township related issues."

Joe's section peers highly regard him for his energy and motivation in leadership positions. It was noted that due to Joe's involvement, the Section's Younger Member Forum "has been a very successful model that other local technical societies have attempted to copy and follow, as it has attracted a following of over 200 members and serves as a 'training ground' for future Section

officers," per a colleague.

For more information on the award program and to see the full list of honorees, please visit: <http://www.enr.com/blogs/11-mid-atlantic-monitor/post/41207-enr-midatlantic-announces-top-young-professionals>

## CENTENNIAL BOOK – SECOND CHANCE TO GET YOURS!



To memorialize our Section's 100th Anniversary season and cite the many local landmarks, facilities and efforts that have been brought "to life" by our members over that time, we have created a keepsake commemorative **Centennial Book**.

Ever wonder what the significance is about the Frankford Bridge or what the initial Philadelphia City Plan looked like? How did I-76 and I-95 come to be the highways we know today? How does the Center City of today compare with what it was in the past?

If you missed the earlier pre-order process for this and would like to get a copy of the book, now's your chance! The book has been printed and copies ordered in the first "round" are scheduled to be mailed in late January. Additionally, we will have a limited number of copies available for direct sale at upcoming Section dinner meetings.

You can order copies online through our Section's website.

Payment can be made via PayPal or check payable to ASCE Philadelphia Section. Online orders will be processed monthly with anticipated arrival dates in mid-month.

The book price is \$30 for Section members and book sponsors, \$40 for others, which includes shipping.

For additional information or questions, please contact **Jennifer Reigle** at [jreigle@pennoni.com](mailto:jreigle@pennoni.com).

Checks for orders should be mailed to:  
Marc Preim, STV Inc., 1818 Market Street, Suite 1410, Philadelphia, PA 19103-3616

*Please include a copy of your order form with your check.*

### ASCE VISION

*Civil Engineers are global leaders building a better quality of life.*

### ASCE MISSION

*Provide essential value to our members and partners, advance Civil Engineering, and serve the public good.*

**YOUR CARD CAN BE HERE!  
CONTACT US AT  
[newseditor@asce-philly.org](mailto:newseditor@asce-philly.org)  
FOR DETAILS**

### NEWS FROM NATIONAL

The 2016 National Convention in Portland was a resounding success, with attendees giving the educational content an over-90 percent satisfaction rating. The 2017 Technical Program Subcommittee is currently accepting proposals for presentations at the upcoming Convention which will be held in **New Orleans** from **October 8-11**.

This is your opportunity to share your expertise, professional insights and industry best practices by becoming a session presenter. You will have the chance to interact with the industry's best and brightest Civil Engineers and Engineering students and impart your knowledge. The Technical Program Subcommittee is seeking sessions on these topics:

- State of the Industry/Profession
- Professional Development
- Multidisciplinary Technical
- Natural and Man-Made Disasters
- Strategic Issues/Public Policy
- Significant Projects
- History and Heritage

If you are interested, please visit the Convention website (2017.asceconvention.org) and submit your session abstract.

### SCIENCE FAIRS COMING UP – JUDGES NEEDED

As we have for many years, our Section will be offering Special Awards at the **Delaware Valley Science Fairs**. The Fairs will be conducted on **Wednesday, April 5** at the **Greater Philadelphia Expo Center** in Oaks. Four Special Awards for individual student projects that have a Civil Engineering theme will be awarded, with two prizes for Grades 6 through 8 and two for Grades 9 through 12.

Volunteer judges are needed for this effort. The judging will require you to spend most, if not all, of your day (approximately 8 AM to 3 PM) at the Fairs, examining and short listing possible projects in the morning and then interviewing the students who assembled them and finalizing the selections in the afternoon. It is always a very interesting and enlightening experience.

If you are interested in being a Special Awards judge please contact **Chris Rood** at **chris.rood@acem.com**. You will also need to register for this and this can be done through the Fairs' website **www.dvsf.org**.

For more information on the Fairs please visit the above website.

We hope you can join us for a rewarding and interesting day.

**A single conversation  
across the table  
with a wise man is worth a  
month's study of books.**

– Chinese Proverb

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