

SECTION MEETING SCHEDULE 2019-20

At this point in the season we have three meetings accomplished and confirmed and are rounding the halfway point. Our meeting program committee has been busy finalizing speakers and topics for what has thus far been an interesting and informative series of meetings. Information known at this time for meetings in 2020 have been provided below for your planning purposes. We would suggest that you mark your calendar at this time and hold these dates. Upcoming editions of *THE NEWS* will provide more details as they become available, and our usual information on the two immediate meetings each issue will be provided.

As always, you are welcome to attend the meeting presentation without dinner at no cost, if you prefer to do so.

Information on meetings after January, as of this printing, are:

2020

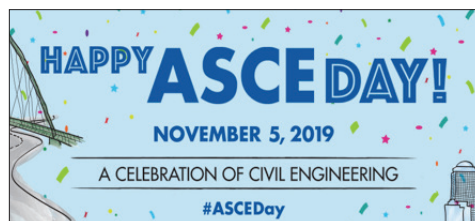
February – In planning stages

March 12 – Maggiano's Little Italy, Center City Comcast Tower Construction

April 9 – Multi-topic meeting/breakout sessions, in planning stages

May – Spring Social, in planning stages

NEWS FROM NATIONAL



At this point, it's old news, but we hope you cited ASCE Day! It celebrates the Society's founding on November 5, 1852. Twelve esteemed Engineers gathered at New York City's Croton Aqueduct to establish what would become the American Society of Civil Engineers. 2019 marks ASCE's 167th anniversary.

Please note this is a DINNER MEETING this year! DECEMBER MULTI-SOCIETY MEETING

Engineers' Club of Philadelphia and Numerous Technical Societies

TUESDAY, DECEMBER 10, 2019

DoubleTree by Hilton Philadelphia Center City, 237 S. Broad Street (at Locust Street)

Cocktails 5:30 PM, Dinner 6:30 PM, Presentation follows

**SUBJECT: Plan B = Make Plan A Work – Resilience as a Requirement
Resilience Issues and Considerations in Project Planning**

PANELISTS: Will Agate, Vice President, Microgrid Services, Ameresco
Chris Dalgarno-Platt, Senior Vice President, EY Consulting
John Henry, Chairman and CEO, Chariot Companies
Dick Webster, Vice President of Regulatory, Policy and Strategy, PECO Energy

RESERVATION DEADLINE – TUESDAY, DECEMBER 3. The cost per attendee is \$90 for Engineers' Club members, \$100 for non-members, and \$40 for government agency employees and students, for reservations received by the deadline.

RESERVATIONS RECEIVED WEDNESDAY, DECEMBER 4 AND AFTER. Reservations received after the deadline and "walk-ups" paying at the door without prior reservations, will be charged \$95 for Club members, \$105 for non-members, and \$45 for government agency employees and students. THERE IS NO GUARANTEE THAT SPACE WILL BE AVAILABLE IF YOU DO NOT RESERVE A SPACE.

The Philadelphia Section will NOT be accepting any reservations for this meeting.

All reservations should be directed to the Engineers' Club, online through the Club website, www.engrclub.org. Payment will be expected for all reservations regardless of attendance.

Toys for Tots Collection – As has been done for this event in the past, a Toys for Tots collection will be conducted. Please bring an UNWRAPPED toy to brighten a child's holiday.

Please join the Engineers' Club of Philadelphia and our co-sponsoring partner societies for our annual Multi-Society Meeting. This is always a good opportunity to kick off the holiday season and network with Engineers and other professionals that you might not normally see at your society meetings.

This panel discussion will look at resilience from both the "big picture" and "nitty gritty" details involved in the subject. Questions abound as we traverse this new landscape. Which "upsets" are considered and which are not? What is manageable and what is not? What systems are critical? How do we prioritize? How do we value the cost of failure? What price are we willing to pay for "success"? What does success look like? How do we fund that investment to deal with an uncertain future?

Continued on Page 2

JANUARY JOINT DINNER MEETING

Philadelphia Section, American Society of Civil Engineers
Delaware Valley Section, American Society of Highway Engineers

TUESDAY, JANUARY 15, 2020

Radisson Hotel/Valley Forge Casino, 1st Avenue and Gulph Road, Valley Forge, PA
Cocktails 6:00 PM, Dinner 6:45 PM, Meeting Presentation follows (please note new times)

SUBJECT: I-95 Scudders Falls Bridge Reconstruction

RESERVATIONS FOR THIS MEETING MUST BE MADE THROUGH THE DELAWARE VALLEY SECTION, ASHE. The reservation process will be provided in the January edition of *THE NEWS*.



PRESIDENT'S MESSAGE

Is the American Society of Civil Engineers (ASCE) only for Roadway and Bridge Engineers? No, absolutely not. ASCE represents all Civil Engineers.

From my years of involvement with the ASCE Philadelphia Section, it was evident that there is a stereotype associated with our group. It was easy to see how the stereotype developed — roadways and bridges are large parts of the industry, so there are more Engineers employed focusing on those topics. At the same time, our peers are doing great work in geotechnical, water resources, construction, and many more, but we may not be immediately exposed to their work. More than likely, we are passing by their contributions on our way to work, but we just didn't pay attention to the details.

To combat this stereotype, our Section is taking an active approach to highlight the many and different disciplines within Civil Engineering. Our October dinner meeting addressed roadway and drainage (and mitigation to make the improvements beneficial to the stakeholders), while our November dinner meeting focused on Airports. We are also gearing up to cover topics on resiliency, building structures, and rails in 2020.

November 14th marked the 1-year anniversary of the unveiling of the "2018 Report Card for Pennsylvania's Infrastructure". With the help of many volunteers from Sections across the state, we gathered information on categories, such as Aviation, Energy, Dams, Parks and Recreation, Solid Waste, Transit, and many more. I encourage you all to review our 2018 Report Card and share with your peers. While learning the state of PA's infrastructure, you will also learn the different disciplines ASCE represents.

Kazi M. Hassan, PE
President, ASCE Philadelphia Section
kazihassan@pennoni.com | 215-254-7720

DECEMBER MEETING

Continued from Page 1

The panel will wrestle with philosophical and strategic considerations and look at some of the systems and technologies being brought to the bear to help bridge those mission critical circumstances where the best laid plans of mice and...others haven't.

And all this over dinner!

THANKS TO OUR SPONSORS

We extend our special and collective THANKS to each of our current sponsors for their financial commitment and support. Since last edition we have added two firms to the list and are at an unlucky-number-to-some 13 companies.

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 also offer sponsors the opportunity to have a "spotlight" article in an edition of *THE NEWS* as well as serve as a sponsor of one of our monthly dinner meetings.

If you have an interest in joining our sponsorship program, there's still time to be part of this season's group. Please contact **Bob Wright** at newseditor@asce-philly.org for more details.

FOLLOW US ON LINKEDIN

If you are a member of **LinkedIn**, our Section has a page you can follow which will include our current events and happenings as well as other information you may need. You merely need to search using the criteria ASCE Philadelphia Section and our page will appear.

For those of you not members of LinkedIn, please visit the site this way: <https://www.linkedin.com/company/asce-philadelphia>.

DON'T FORGET ABOUT YOUR DUES!

You should have your dues statement/invoice for 2020 in hand. As a reminder, and as noted on the invoice, this is due on January 1. You can pay by check or electronically.

Your membership entitles you to be eligible for ASCE Member Advantages. These encompass benefits in several member discount programs including professional liability insurance, life insurance, credit cards and banking services, and rental car discounts (and you may have noticed more benefits have recently been added). ASCE always looks to negotiate the best deal for members. Similarly, when members save through these programs, ASCE earns revenue that helps keep your dues rates as low as possible. Please check www.asce.org for the details on these offers and programs.

There are additionally a number of free eLearning Webinars available to help you develop critical career skills, with topics covering a broad range of technical interests, leadership development tools, and key member programs. One of the most popular benefits of membership is that every year you can earn up to ten free PDHs for the eligible ASCE On-Demand Webinar courses you successfully complete. Every year we update the list of courses to ensure we have relevant and timely topics across all the major facets of Civil Engineering.

Your dues are vital to the success of our Section's activities. We appreciate your ongoing support.

ASCE, PHILADELPHIA SECTION OFFICERS AND BOARD OF DIRECTION—2019-20 SEASON

PRESIDENT

Kazi M. Hassan, Pennoni

PRESIDENT ELECT

Jennifer Reigle, Pennoni

VICE PRESIDENT

Briana Earle, Langan Engineering & Environmental Services

SECRETARY

Mohamed Elghawy, Traffic Planning & Design, Inc.

ASSISTANT SECRETARY

Jeanien Wilson, Philadelphia Dept. of Streets

TREASURER

Joseph Natale, DVRPC

ASSISTANT TREASURER

Caroline "Cricket" Schreppler, Advantage Engineers

MEMBERSHIP SECRETARY

Andrew Bechtel, College of New Jersey

DIRECTORS

Kevin Brown, Urban Engineers, 2019-21

Michael DeVuono, Arcadis, 2019-21

Gregory Dunn, Michael Baker International, 2019-20

Spencer Finch, Langan Engineering & Environmental Sciences, 2018-20

Tania O'Kane, HNTB, 2019-21

Nha Truong, Ernst & Young, 2018-20

PAST PRESIDENTS*

Angelo Waters, Urban Engineers, Inc.

Cathy Farrell, HNTB

Guy DiMartino, Traffic Planning & Design, 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.*

Contact Us:

President—Kazi M. Hassan, PE

Highway Group Leader
Pennoni Associates, Inc.
1900 Market Street, Suite 300
Philadelphia, PA 19103
215-254-7720; kazihassan@pennoni.com

Secretary—Mohamed Elghawy, PE

Construction Manager
Traffic Planning & Design, Inc.
Sanatoga Commons
2500 E. High Street, Suite 650
Pottstown, PA 19464
610-326-3100; melghawy@trafficpd.com

PUBLICATIONS COMMITTEE

Editor of *THE NEWS*

Robert Wright

Section Outreach Coordinator

Mohamed Elghawy

Staff Writers

Assunta Daprano, Lindsay Chateauvert

SEND COPY TO:

ASCE, c/o Urban Engineers, Inc.
530 Walnut Street
Philadelphia, PA 19106

**COPY DEADLINE FOR
JANUARY 2020 ISSUE
DECEMBER 6, 2019**

YOUNGER MEMBER FORUM NEWS

Assunta Daprano, Forum Editor
Jesse Gormley, Forum President 2019-20
 Pennoni Associates
 jgormley@pennoni.com

WELCOME BACK STUDENT NIGHT OCTOBER 23

Students and professionals attended YMF's **Student Night at Pep Bowl**. This event serves as YMF's annual Welcome Back Students event which included local Civil Engineering students from Drexel, Temple, Villanova, Widener, and Swarthmore. Student Night consisted of two hours of unlimited bowling and networking among students and professionals, along with some great pizza enjoyed throughout the night. To end the event, YMF college contact co-chairs **Tyler Farley** and **Paige Glassman** recognized Drexel University as the 2018-19 #ASCEMadeMe Challenge winners and presented them with their award certificate.



FUTURE CITY ENGINEERING FAIR OCTOBER 26

YMF kicked off our K-12 Outreach program for the 2019-20 school year with a visit to the Future City Engineering Fair at SAP America in Newtown Square. **CJ Medora**, one of our K-12 Outreach co-chairs, was joined by volunteers, **John Doyle** (TPD), **Charlie Mumford** (AECOM), **Noor Dabdoub** (Lennar), and Villanova seniors **Ed DePaola** and **Nancy Bodet**. Over 100 kids and families stopped by the ASCE booth to learn about Civil Engineering, and try our new activity called "Shoo, Bird, Shoo." This activity, created by **Discover Engineering**, has attendees design and build a mobile that warns birds away from a window or building. A big thank you to Future City Philadelphia and SAP America for hosting the Future City Engineering Fair. If interested in volunteering at similar events, contact YMF K-12 Outreach Team at ASCEPhilaYMFK12@gmail.com to get on our volunteer list!

ADOPT-A-HIGHWAY OCTOBER 26

This was a busy day with a second event happening in addition to the Future City meeting noted above. YMF board members **Darren Black**, **Caroline Voigtsberger**, and **Tim Abel**, along with several other ASHE and ASCE Student Chapter Members, participated in the joint ASHE/ASCE Adopt-A-Highway street clean-up. The volunteers cleaned up a 2-mile section of Bethlehem Pike in Fort Washington and Ambler! After the clean-up, the group enjoyed food and refreshments at the Fireside Bar and Grille where they were able to socialize and relax. Look for the next Adopt-A-Highway cleanup in the spring, and other community service opportunities this fall!



REGION 2 ASSEMBLY NOVEMBER 2

Member of the YMF board attended the 2019 Region 2 Assembly at Drexel University. The event consisted of various speakers presenting on civil engineering topics targeting the current industry. The event also provides students from universities with Region 2 the opportunity to network with other students, the Region 2 Governors and young professionals. Board members in attendance include: **John Doyle**, **Assunta Daprano**, **Tim Abel**, **Jesse Gormley**, **Kevin Brown**, **CJ Medora** and **Danielle Schroeder**. Thank you, Drexel University, for hosting a fantastic event for the Region, see you at ERYMC 2020!



AMERICAN STREET CONSTRUCTION TOUR NOVEMBER 13

The cold didn't stop us from attending YMF's tour of the GSI Construction of the Philadelphia Streets Department's American Street

HOLD THESE DATES ENGINEERS WEEK EVENTS SCHEDULED

The Engineers' Club of Philadelphia, through its Delaware Valley Engineers Week Committee, will be celebrating **Engineers Week 2020** from **February 13 through February 22**. We have traditionally extended our local celebration beyond that recognized by National Engineers Week to include our kickoff event.

Engineers Week in the Delaware Valley will officially begin with the Engineers Week Opening Dinner on **Thursday, February 13** (two days before National E Week begins). At this event, we will introduce and formally induct the Delaware Valley Engineer of the Year and Delaware Valley Young Engineer of the Year, as well as highlight the various contributions of Engineers and Engineering students. All Engineers Week award and scholarship recipients will be cited at the Dinner, which will be held at the DoubleTree Hotel Philadelphia in Center City (the same venue as last year).

The **Young Engineers Social** will be conducted on **Tuesday, February 18**. This is a networking and social event to cite the newly-inducted **Delaware Valley Young Engineer of the Year**. It will be conducted at the Brickwall Tavern in Center City.

Also, our Engineer of the Year for 2020 has been elected – **Stephen Hall**, a Chemical Engineer from Genesis Engineering.

Please note this information in your calendar and plan to participate. More details on venues and pricing will be included in future updates.

For more information and updates, please visit the recently-revamped Engineers' Club website, www.engrclub.org.

SECTION VOLUNTEER SPOTLIGHT

Our Section Volunteer Spotlight effort focuses on our members who give their time and effort to provide meaningful programming and services to our Section or who promote our Section nationally through their volunteer efforts. At a time when all of us have considerable workloads keeping us busy, it is commendable that volunteers are still giving us their time, coming through and helping. The Volunteer Spotlight gives us an opportunity to highlight those who do not have an "official" capacity as an officer or Director.

We are proud to announce that **Cricket Schreppler**, EIT has been nominated and selected in this honor in November. Cricket graduated from Johns Hopkins University in 2016 with a Bachelor of Science in Civil Engineering and a minor in Entrepreneurship and Management, later earning her Master of Science in Engineering Management from Hopkins. She is currently employed as a Junior Structural Engineer in the Telecommunication Division of Advantage Engineers. Outside of work she leads the Philadelphia PR effort for the 2018 PA Infrastructure Report Card and last year she coordinated the Report Card's release in our area at Schuylkill River Park. She has helped to maintain focus on infrastructure since the release by selecting a category of infrastructure to highlight each month. Additionally, she serves as Assistant Treasurer for our Section and Social Media Chair for the Younger Member Forum.

Volunteers like Cricket are the foundation of our Section and contribute to the ongoing success of the organization. If you know of a Section member who has gone above and beyond as a volunteer, please feel free to nominate that person for consideration for our Section Volunteer Spotlight. Additional information and the nomination form are provided on our website.



Improvement Project. We would like to extend a huge thank you to **Katie Drake** from PWD and **Trevor Woodward** and **Nicole Carey** from Gilmore & Associates for giving us their time to present about the project! The tour covered GSI features including bioswales and underground stormwater infiltration columns. We had the opportunity to learn about important design considerations from the designers themselves, including sizing the GSI systems and taking soil samples to ensure efficient stormwater infiltration for each system. It was interesting to learn about the collaboration that was necessary between the design team, business owners, neighborhood groups, and the contractors on such a diverse project. The tour was followed by a social at Evil Genius Beer Company where attendees were able to network and talk directly with the presenters.

FIVE WAYS TO BE PRODUCTIVE IN AN OPEN OFFICE

Member **Danielle Schroeder** offered some suggestions on this topic which were published in ASCE National's Career by Design on the Collaborate site. For those of you who may have missed it, we offer it here with Danielle's permission for your edification.

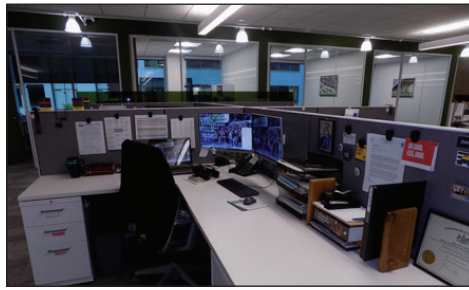
As you may know, Danielle is involved in our Younger Member Forum and serves as the K-12 Outreach Co-chair, among other activities. She is an Associate Bridge Engineer with Pennoni at its Center City office, which has an open-office layout.

Like many Civil Engineers, I work in an open-office layout. This type of office is great for the collaborative work that is involved in Engineering, but it can also get distracting when you're trying to complete tasks that require independent work.

Here are five ways to be more productive in an open-office layout:

Invest in a good pair of headphones

While noise-cancelling headphones may not block everything, they do a pretty great job! I bought a pair of over-ear headphones (with a detachable microphone) to use in our office. We also have white-noise machines throughout the office that help tune out background noise. I typically listen to regular music or TEDx Talks to keep myself motivated with positive energy if I am doing tasks such as drafting, where I have already done most of my deep thinking. When my tasks are more intensive, I tend to switch to instrumental versions of songs I like so that I am not distracted by the words.



Huddle rooms are your friend

When I'm working on something that requires my undivided attention, I need some time of solitude. For example, when I'm writing a technical report and trying to word-sleuth my way into summarizing the observations and calculations completed, I prefer complete silence so that I don't end up typing a portion of someone's overheard conversation. Our office has several huddle rooms and each room is composed of a single table and four chairs. I have also used a huddle room for taking calls such as the ASCE Topic Moderators call, where I know I will be doing a lot of talking, so as not to interrupt my deskmates. Additionally, if you will be meeting with a colleague for an extended time, take the initiative and suggest going to a huddle room to discuss.

Remember the Golden Rule

"Do unto others as you would have them do unto you" can be applied to many aspects of the workplace. The way most of our desks are oriented in our office, it is difficult to see someone approaching your desk, and that's led to me get-

ting spooked on multiple occasions. One of my colleagues came up with the solution of first sending the bike emoji through Skype for Business to serve as a heads-up that you are about to head over to their desk. Now, when I need something from someone else, I just send the bike emoji before walking over to prevent them from getting spooked as well.

Be flexible

Our workforce is filled with diverse people with different personalities and communications styles, so the ideal way you like to be communicated with may not always happen. You will sometimes need to flex, but if you give a bit, they might just meet you halfway!

Embrace the positives

An open office does have its positives: it can lead to serendipitous interaction to help you get to know your colleagues better. Also, overheard conversations aren't always a bad thing. If you hear a conversation about a problem on a project you might be able to help with, reach out! While I don't suggest yelling across the office, you could go talk to the person later to volunteer your services or connect them with an expert to help them solve the problem. As a company, we are all on the same team working toward the same goal of delivering excellent projects!

These are my personal tips for working more optimally in an open-office layout. They may not all work for you, but I hope they serve as a launching pad to developing solutions of your own for your specific office!

LEADERS CALL FOR FEDERAL INFRASTRUCTURE INVESTMENT

On November 1, Section Past President and PA Report Card Co-Chair **Cathy Farrell** was invited to a press event with local dignitaries and public officials arranged by **Build Together** to highlight the need for passage of a comprehensive federal infrastructure package. This bipartisan call for increased funding that will support union jobs, the strengthening of the middle class, and continued environmental health and safety, was conducted at the Cornwells Heights SEPTA Regional Rail station in Bensalem, abutting I-95 and the nearby Delaware River.

Among the speakers at this event were Congressmen **Brian Fitzpatrick** and **Brendan Boyle**, former Congressman **Ryan Costello**, SEPTA General Manager (and Section Member) **Jeffrey Kneuppel**, and community leaders.

In addition to lifting up the need for federal mass transit investments, speakers discussed the

necessity of improving local drinking water systems and wastewater treatment, bolstering high-speed rail, modernizing schools and the state's electrical grid, rebuilding roads and bridges, investing in local airports and ports, and increasing flood resilience.

In her remarks, Cathy noted, "Most of us take infrastructure for granted in our daily lives — the systems that deliver clean water to our taps, prevent our neighborhoods from flooding, provide essential mobility and process our trash once it's picked up from the curb. Infrastructure moves our economy — when the power goes out, we're not working; when the roads are congested, people aren't earning or shopping. As Civil Engineers, we urge an all-hands-on-deck approach that will involve state, local and federal governments to take action, to increase investment in infrastructure and to make it priority number one."



The press conference was hosted by Build Together as the first stop in its nationwide listening tour growing grassroots support for federal infrastructure investments by elevating local impacts across the country. The tour launches on the heels of new polling and focuses group findings, which show an overwhelming majority of swing-state voters support a robust federal infrastructure plan, including 91% of voters polled in Pennsylvania.

EWB 2019 FUNDRAISER

Engineers Without Borders (EWB) has scheduled a local fundraiser/event for those of you who enjoy throwing axes (or haven't yet but were considering giving it a try). This will be held on **Saturday, December 8 at Bury the Hatchet Philadelphia** at 1719 Washington Avenue, starting at 2:00 PM.

For more information and ticket purchases, please visit <https://support.ewb-usa.org/event/ewb-philly-2019-fundraiser/e255216/register/new/select-tickets>.

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.

NOVEMBER SECTION DINNER MEETING

November 14, 2019

Maggiano's, Center City Philadelphia

Runway Rehabilitation at Trenton Mercer Airport and College Park Airport

by Lindsay Chateauvert, Staff Writer

On a chilly day in November, roughly 90 folks from our Section gathered at Maggiano's in Center City for our second dinner meeting of the program year. Warm welcomes and friendly banter filled the room, as new and old friends caught up on the last month and discussed the recent changes in weather. As the networking hour drew to a close, Section President **Kazi Hassan** began the evening by welcoming everyone and introducing the new rolling slideshow that will be featured during the beginning of each Section dinner. As the tables began to fill with appetizers of zucchini sticks, risotto bites, and more, Section Director **Kevin Brown** made his way to the podium to present this month's well-deserved Volunteer Spotlight to **Cricket Schreppler**. Cricket currently serves as our Section's Assistant Treasurer, the YMF Social Media Chair, and has led the Philadelphia Public Relations effort for the 2018 PA Infrastructure Report Card release. "Volunteers are

the foundation of ASCE locally and globally", as stated by Director Brown, and Cricket is a true example of this.

Following the Section reports including **Spencer Finch's** government relations' updates, President Hassan welcomed Temple University Student ASCE Chapter President, **Ian Nelson**, and Chapter Vice President, **Cassandra Snook**, to the front. They gave a short presentation highlighting their continued membership growth with a goal to double their numbers by next year and unveiled their new Chapter logo now featuring the well-known Temple University Bell Tower!

Following a delicious family style dinner, Section Honorary Director (hey, a snazzy new title...) **Bob Wright** took to the podium to introduce the evening's speakers, **Dale E. Russell**, Deputy Practice Leader for Aviation (Northeast) and **Kirsten Brown**, Aviation Engineer, from Urban Engineers, to present on their Runway Rehabilitation at Trenton Mercer Airport (TTN) and College Park Airport (CGS) efforts. The presentation began with an overview of the two distinct runway rehabilitation projects. TTN is a commercial service airport located midway between Philadelphia and New York City, with over 200 aircraft operations per day. The airport operates two runways with a 6000 ft long main runway, and a 4800 ft long crosswind runway. On the other hand, CGS is a small recreational airport located 10 miles outside of Washington, DC. It has one runway measuring 2607 ft long that serves a significant number of single engine propeller aircrafts. CGS is the world's oldest continuously operated airport; which Ms. Brown made very clear to mention was not disrupted during the course of the runway rehabilitation!

The presentation continued to walk us through the many funding and permitting challenges faced during the beginning phases of both runway rehabilitations. As the On-call Engineers for TTN since 2014 and CGS since 2016, Urban Engineers had to work closely with the various agencies involved in each project, including the Federal Aviation Administration (FAA) for the rehabilitation work at TTN, and with the Maryland-National Capital Park and Planning Commission (MNCPPC) and the Maryland Aviation Administration (MAA) for CGS.

Once Urban Engineers were given the "go-ahead" from the various agencies, each project had to work within a tight budget and schedule in order to perform the rehabilitations, as outlined by Ms. Brown and Mr. Russell. Both projects entailed extensive testing to determine the extent of each rehabilitation, followed by milling, deep-patching, bituminous overlays, and striping. TTN also included lighting system advancements and the installation of new guidance signs. CGS included a new drainage system and LED runway edge lights. Urban Engineers overcame each of the challenges they faced and were able to

stick to their short construction windows at TTN and their "...crazy rapid design schedules" at CGS, as stated by Ms. Brown.

Following the presentation, there was a question and answer discussion followed by a loud applause. To conclude the evening, President Hassan presented Ms. Brown and Mr. Russell with ASCE Philadelphia solar chargers, as a token of our appreciation for an informative and engaging presentation.

N-ASCE*

HIGH CEILINGS, LOTS OF DAYLIGHT, CLOSE TO THE STREET...

When a huge pothole in New Orleans was left unrepaired for two years, residents found a unique way to fix it up. Hoping to "call attention to one of the larger potholes in the neighborhood", resident James Collier listed it on the popular accommodation-sharing website Airbnb. Classifying it as an "earth house", the pothole was described as "open air living, with the comforts of rural camping, including a few early-morning yelps from local coyotes".

The listing began generating attention almost immediately, so Collier posted a request to his neighbors on Facebook for furnishings for the pothole, now dubbed "Homer's Hideout" in honor of Collier's Homer Simpson doll that had taken up residence in the "property". Over the next few days, neighbors dropped off several items to complete "The Simpsons" living room décor, including a miniature couch and TV, guest seating, houseplants, a hat and beer for Homer, and even a chandelier suspended from an overhanging tree. Collier described the effort on Facebook as a "tongue-in-cheek call for accountability from the City", and it worked.

The Airbnb listing remained online for three weeks, long enough to generate considerable social media attention for the City to take notice. Just three weeks after the listing was published, a crew of City workers arrived to fix the street. Collier learned that the crew was reassigned from other planned work as a result of the awareness created with the furnishing of the hole.

Previous similar goadings of officials to fix potholes in the Crescent City include one in which the residents threw a "pothole party" inside a 12-foot crater that consumed the entire width of a street in 2017 and a party attended by hundreds near a 30-foot wide sinkhole in the middle of busy Canal Street dubbed "Sinkhole de Mayo" in 2016.

Thanks to *Roads and Bridges* for this information.

*N-ASCE – Not always something concerning Engineering...



PA REPORT CARD CATEGORY OF THE MONTH: PARKS AND RECREATION

Pennsylvania is home to more than 3.75 million acres of dedicated parks and recreational areas, including national trails and areas, recreational reservoirs and numerous county, municipal, and city parks. Overall capacity grew to accommodate the 44.5 million parks visitors in 2017 and the Commonwealth ranked fifth in the nation for how much users spend on outdoor recreation. However, national, state and local parks have significant needs.

There is currently a \$783 million backlog of needs to bring the system back to a state of good repair. The Pennsylvania Department of Conservation and Natural Resources (DCNR) has embraced new funding methods, via the Marcellus shale gas operation, and implemented long-range planning strategies like the PA Outdoor Recreation Plan. While overall state-wide funding may be holding strong, fluctuating budgets put some municipalities in a difficult position when trying to keep up with their increased needs.

Compelling Statistic: The Statewide Comprehensive Outdoor Recreation Plan 2014-2019 found **state parks require \$783 million to bring the system back to a state of good repair.**

Please visit www.pareportcard.org for more information.

SECTION COMMITTEES

Our Section runs very well and it is mainly a result of the dedication and service of our many volunteers, both our Officers and Board Members as well as our various Committees. While many of you know the former group well, you may not be all that aware of the latter. Our Committees address many of our regular and ongoing issues and keep our Section vibrant and in the forefront of service to our membership. A list of our Committees and chairs for this season is provided below. We would like to thank all of these folks for their contributions and diligence in helping our Section do what it does.

Additionally, if you have a particular interest in helping the Section as a Committee volunteer, please reach out to us at info@asce-philly.org or through our Section Secretary, **Mohamed Elghawy** (contact information is provided on page 2).

Audit – Briana Earle

Awards – Bob Wright

Engineers Week Hall of Fame Recognition
– Ruben David

Budget and Finance – Joe Natale

Civil Engineers in Government –
Jeanien Wilson

College Scholarship – Eammon Farley

Communications – Mohamed Elghawy

E-mail Outreach – Andrew Bechtel

Webmaster – Greg Dunn

Social Media – Joe Natale, Michael DeVuono

Newsletter – Bob Wright

Sponsorship – Bob Wright

Continuing Education – Briana Earle

Humphrey Fund – John Zarsky

Membership – Andrew Bechtel

Mural – Angelo Waters

Nominating (for Board Positions) –
Kazi Hassan

Program – Jen Reigle

Venue Coordination – Troy Illig

Project Build – Tania O’Kane

Report Card Promotion – Cricket Schreppler

Society Relations – Cathy Farrell

Region 2 Director – Jack Raudenbush

Region 2 Governors – Carol Martsof,
Angela Marie Mayer, Carrie Nicholson,
Patrick Sullivan

Region 2 Younger Member Representative –
OPEN

PA Council – Cathy Farrell, Bob Wright

Legislative Affairs – Spencer Finch

Subsidiary Groups – Briana Earle

Construction Management –
Dennis MacBride

Delaware Valley GeoInstitute – Russ Preuss


Environmental and Water Resources –
Eric Lindhult

Structural Engineering Institute – Dan Kucz

Transportation & Urban Development –
Bill Thomsen

Younger Member Forum – Jesse Gormley

Spring Social Committee – Troy Illig



AERO
AGGREGATES
Ultra-Lightweight Aggregate
Made from 100% Post-Consumer Glass



Michael Baker
INTERNATIONAL
We Make a Difference
Proud to celebrate 20 years
in the Delaware Valley Region
Fort Washington • Philadelphia
MBAKERINTL.COM



CDM Smith
cdmsmith.com
listen. think. deliver.
HARRISBURG 3605 Vartan Way, Suite 202, Harrisburg, PA 17110, 1.717.541.4001
WAYNE 993 Old Eagle School Road, Suite 408, Wayne, PA 19087, 1.610.293.0450
PHILADELPHIA Two Penn Center Plaza, 1500 JFK Boulevard, Suite 1208, Philadelphia, PA 19102, 1.215.636.0600



McMAHON
TRANSPORTATION SOLUTIONS BUILDING BETTER COMMUNITIES
Engineering | Planning | Design | Technology
www.mcmahonassociates.com



VUSP
VILLANOVA URBAN STORMWATER PARTNERSHIP
www.villanova.edu/VUSP



Pennoni SMART SOLUTIONS
www.pennoni.com
Applying today's innovations to make tomorrow's world smarter.



HNTB
The HNTB Companies
Infrastructure Solutions
www.hntb.com
Allentown | Harrisburg | King of Prussia
Philadelphia | Pittsburgh



Providing transportation engineering and related services across the eastern United States
Offices located in PA, NJ, MD, and NC
Celebrating 30 Years
TRAFFIC PLANNING AND DESIGN, INC.
Moving Forward Together®
215.622.2525
www.TrafficPD.com



DREXEL UNIVERSITY
Civil, Architectural & Environmental Engineering
Part-Time and Full-Time Graduate Study
(funding available for full-time study)
Structural Engineering
Geotechnical/Geosynthetics Engineering
Architectural Engineering
Environmental Engineering
Sustainable Engineering
Hydraulics, Hydrology & Water Resources
Air Quality
Dr. Charles Haas, F. ASCE
Head, Civil, Architectural & Environmental Engineering
haascn@drexel.edu
Dr. Michael Ryan
Graduate Advisor
(215) 571-4779
mor23@drexel.edu



ARGOS
Unmanned Aerial Solutions
PUTTING DRONES TO WORK FOR YOU
• AERIAL DRONE MAP DATA CAPTURE
• SITE PROGRESS MONITORING
• VOLUME DATA ACQUISITION
• TIMELAPSE MARKETING VIDEOS
CONTACT US TO SETUP A FREE DEMO
✓ FAA LICENSED
✓ FULLY INSURED
✓ RTK EQUIPPED
WEB | WWW.ARGOSUAS.COM
EMAIL | INFO@ARGOSUAS.COM
OFFICE | 717.827.6222



JBC ASSOCIATES, INC.
Celebrating 30 Years of CM / CI Services
1988 - 2018
www.jbcassociates.com 610-992-9090



URBAN ENGINEERS
urbanengineers.com
215.922.8080

YOUR CARD CAN BE HERE!
CONTACT US AT
newseditor@asce-philly.org
FOR DETAILS



Integrated Engineering and Environmental Solutions
LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES
215.491.6500 www.langan.com