



ASCE
PHILADELPHIA SECTION

THE

NEWS

Vol 95-5

Our 110th Year

The Sidney Robin Memorial Newsletter of the Philadelphia Section ASCE

January 2023



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.



<http://www.asce-philly.org>

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NON OMNIA POSSUMUS OMNES (WE CANNOT ALL DO EVERYTHING)

**SECTION MEETING SCHEDULE
2022–23**

The Section Meeting program for the upcoming season is being finalized at this point and our meeting program committee is busy lining up speakers and topics for what we hope will be (and what has been thus far) an interesting and informative series of meetings. The information we have at this point is provided below for your planning purposes. We would suggest that you use this to mark your calendar at this time and hold the dates.

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. E-mail blasts will be sent out on a regular basis to advise and remind of upcoming events and registration deadlines.

We also note the advantage of joint meetings with other societies and will schedule these as we can.

Our schedule of meetings for **2023** is:

February – to be determined

March 9 – Maggiano’s Center City, topic to be determined

April – to be determined break-out topics

May – Spring Social, to be determined

FUTURE CITY – HELP NEEDED

As it has done for a number of years, the Future City Philadelphia program is conducting its annual competition and will hold the regional finals on January 21 at Delaware County Community College. Mentors and various volunteers for the competition, including judges and evaluators, are needed. Please visit www.futurecityphilly.org for more information and details on this.

A total of 42 local schools will be competing this time around and our Section’s Younger Member Forum will be among those offering a Special Award.

JANUARY JOINT DINNER MEETING

WEDNESDAY, JANUARY 18, 2023

Delaware Valley Section, American Society of Highway Engineers

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*)
COST: \$45 through January 5 (\$25 for government employees and students), \$50 January 6 and after and at the door (if space is available)

SUBJECT: PennDOT Update

SPEAKER: Melissa J. Batula, PE, Acting Executive Deputy Secretary, Pennsylvania Department of Transportation

PLEASE NOTE: RESERVATIONS MUST BE MADE THROUGH DELAWARE VALLEY SECTION, ASHE. The Philadelphia Section will NOT be accepting any reservations for this meeting. Reservations can be made electronically through the ASHE Delaware Valley Section website, www.delvalleyashe.pro. Electronic payment can be made through this site as well. Checks are accepted and can be sent via the instructions on the site or brought to the registration table at the meeting.

Dinner costs are \$45, with a \$20 price available for government agency employees and students. Reservations are due by **Thursday, January 5**. For reservations received January 6 and after, the cost increases to \$50 (the government agency and student rate has no late fee). No refunds will be made for cancellations after January 6.

We encourage you to reserve ahead to ensure a place at the meeting. Walk-ins will be accepted on a space-available basis. **THERE IS NO GUARANTEE THAT SPACE WILL BE AVAILABLE IF YOU DO NOT RESERVE A SPACE.** This has always been a popular meeting and a significant turnout is expected.

Ms. Batula will present a status report and update on PennDOT’s planned program for the coming years, particularly with the coming influx of federal funding which will hopefully allow a number of major projects to advance into design and construction. She was appointed PennDOT’s Acting Executive Deputy Secretary in March 2021 after serving as the first female Deputy Secretary for Highway Administration for just over a year. She is proud to join over 11,000 dedicated staff members who share her commitment to serving the transportation needs of citizens across the Commonwealth. Her role includes overseeing investments in PennDOT assets, ensuring quality and safety across the department, and advancing innovative strategies to solve Pennsylvania’s 21st-century transportation challenges. She is adept at building strong relationships with industry and government partners and is committed to helping to guide the department in successfully carrying out its mission.

Ms. Batula began her career in the private sector, where her role grew and developed from a draftsman to a Senior Design Engineer. She joined PennDOT in 2006 as a Senior Civil Engineer, where she has progressed through the Department in various management positions.

PRESIDENT'S MESSAGE



And in a blink of an eye, we have wrapped up the 2022 calendar year and look ahead to 2023! Let us take a moment to reflect on all of the things we have accomplished in 2022 with some of the highlights from the past year:

- Held over 20 PDH-worthy technical events, via in-person and virtual platforms, which were organized and hosted by the Section Board, Younger Member Forum (YMF), Technical Groups/Institutions, and partner organizations
- Held our Spring Social and Awards Ceremony, both virtually and in-person with the Section's return to Maggiano's.
- Returned to in-person events hosted by the Section Board, YMF, Tech Groups/Institutes and partner organizations.
- Continued to develop and implement our Virtual Webinar Library to provide PDHs via the Section's recorded virtual events.
- Communicated to our valued members through over 2 dozen email blasts, 9 newsletters, website updates, and countless social media blasts.
- Released the 2022 PA Report Card and unveiled the ASCE Mural at SEPTA's Jefferson Station.
- Section and Tech Groups awarded over \$15,000 in scholarships
- Served the community through Adopt-A-Highway programs
- YMF continued its positive impact on K-12 students with various outreach activities

As you have heard me state over the past few months, these accomplishments have only transpired with the support of our members and tireless efforts of our volunteers. I cannot thank you all enough!

Looking ahead to 2023, keep an eye out for great events and initiatives, such as:

- Joint ASHE Delaware Valley January Dinner Meeting in King of Prussia
- Participating in Delaware Valley Engineers Week (DVEW)
- Expand our Diversity & Inclusion focused programs
- Provide additional technical and outreach programming
- Continue communication with local government officials through grassroots efforts

I hope everyone has had a joyous holiday season and wish everyone a happy and healthy New Year!

Best,
 Mohamed A. Elghawy, PE
 President, ASCE Philadelphia Section
melghawy@trafficpd.com | 484-363-2472

ASCE, PHILADELPHIA SECTION OFFICERS AND BOARD OF DIRECTION — 2022-23 SEASON

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Jennifer Reigle, Pennoni

Kazi Hassan, CDM Smith

*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.

In addition, these folks will serve in appointed positions:

ASSISTANT SECRETARY

Thomas Kulesher, JMT

ASSISTANT TREASURER

Patrick McCourt, PennDOT

Contact Us:

President — Mohamed Elghawy, PE

Traffic Planning & Design, Inc.

Sanatoga Commons, 2500 E. High Street, Suite 650, Pottstown, PA 19464

610-326-3100, melghawy@trafficpd.com

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Editor of *THE NEWS*

Robert Wright

Section Outreach

Jesse Gormley, Dennis Wilson

SEND COPY TO:

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

COPY DEADLINE FOR FEBRUARY 2023 ISSUE
 JANUARY 20, 2023

YOUNGER MEMBER FORUM NEWS

Kevin Malley, Forum Editor
 Tim Abel, Forum President 2022-23
 Amtrak, timothyshaneabel@gmail.com



TOOKANY/TACONY-FRANKFORD WATERSHED PLANTING November 12

YMF teamed up with the Tookany/Tacony-Frankford Watershed to hold a planting event. Volunteers planted native grass species *carex vulpinoidea* (fox sedge) and *juncus effusus* (soft rush) along a recently daylight tributary of the Jenkintown Creek. The planting effort will help reintroduce native plant species to help control erosion, improving the water quality of the Jenkintown Creek before it flows into the Delaware River. Volunteers also cut down an invasive species called phragmites to help native species take root.

WINTER SOCIAL – Save the Date!

January 30

YMF's annual Winter Social will be returning in 2023. Please mark Monday, January 30 in your calendar. This will be conducted as it has been for many years at McGillin's Olde Ale House in Center City. Details will be forthcoming in e-blasts and on ymfphilly.org.

DO YOU STILL OWE YOUR DUES?



If you haven't yet paid your ASCE dues, you're going to be late shortly! Your ASCE and Philadelphia Section dues are both due on January 1. As noted on the invoice, you can pay by check or electronically.

Keep in mind that 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. 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 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. If you haven't used your complement for this year, it may be too late, but another group of free courses will be offered in the new year.

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

SECTION AWARDS — NOMINATIONS OPEN

As we typically do this time of year, we are opening our Section's 2023 Awards Program for nominations. These allow us to recognize Section members and others for their contributions to the Civil Engineering profession. All awards will be presented at the Spring Social in May (date to be determined, with updates on this to be provided in coming issues of The News).

We encourage you to submit nominations for those deserving individuals who should be recognized for their various contributions, achievements, and career milestones, appropriately.

Please note that the Awards Committee has performed a comprehensive review of the award qualifications to make sure these are accurate for each award offered and are consistent with the requirements of those in similar areas offered by ASCE National. We would advise potential nominators to read the qualifications carefully to make sure the nominees meet the revised criteria.

GUIDELINES/RULES

- Nominations must be received by Friday, January 27. Nominations should be submitted on forms which are available from the Committee Chair.
- Individuals may be nominated for awards by a member in any grade of membership.
- Individuals may receive only one award in a single year, but may be nominated for more than one award in a single year.
- Award recipients are subject to the approval of the Section's Board of Directors.
- Awards are presented only during years in which, in the judgement of the Selection Committee or the Board, there is at least one suitable candidate.
- The Selection Committee, at its discretion, may nominate a candidate or an alternate for each award for Board consideration.



As outlined elsewhere in this issue, the original Section Mural (picture above) was commissioned and completed in the late 1990's in conjunction with the City's Mural Arts Program and was the first mural to not be directly painted onto a wall. The location of this mural, alongside the Schuylkill Expressway/I-76, was not conducive for the usual direct-painted method, thus was accomplished by painting it onto plywood panels that were attached to the retaining wall that supports the eastbound Spring Garden Street exit ramp. The mural was damaged in 2004 and had to be removed. Parts of it were salvaged with the intent of repairing and reinstalling it at a different location, but that was found to be infeasible. The current Mural (pictured on page 2) is also not directly painted onto a wall but was placed on a canvas and inserted into a frame that was attached to the wall at its location.

A JOYOUS HOLIDAY SEASON TO ALL (WITH OUR ANNUAL LAYM*...)

The Officers and Board of Directors of the Philadelphia Section extend our very best wishes to all Section Members, their families and friends for a safe, enjoyable and memorable holiday season and a prosperous and productive 2023. While 2022 was an improvement over 2021 in several ways, let's hope things continue in that direction.

We at *THE NEWS* would also like to send the same good wishes. For what might now be an official tradition, we have our own unique (a nice way to put it...) way of offering this, as you are no doubt (and painfully) aware, with our Lightly Amusing Yuletide Message* (with the maybe-unfortunate but quite descriptive acronym of LAYM...). In the spirit of tis' better to give than to receive, we continue to try to give you the best we can in each edition, information you can use and otherwise, and we hope you receive it in the spirit that it is presented.

We at *THE NEWS* had a drawn-out debate on whether to continue this tradition (and this was interesting as there was only one of us in this debate...), but we also realized that we don't often give you a reason to groan, and this might be it. We also weren't feeling inspired, but then it came to us, and off we went. We may need to have a similar debate in a couple of months to decide the fate of the spring tradition that is our Lightly Amusing Message from Eire (LAME). We shall see. You have been warned.

And we also considered starting the long-thought-about contest for the LAYM, but thought better of it, especially once we got inspired, so we cranked this one out. Accordingly, for your holiday enjoyment, this year's LAYM is below. As usual, it in no way reflects the views or opinions of our Section. And also as usual, outrages can be registered at newseditor@asce-philly.org.

2022 has been quite a year
Finally virus is getting to be not such a major fear
With one just done, gearing up for yet another election
Happy Merry Everything from our Section

Once again, able to see and be with people for a change
Seems very different, with dinner meetings to arrange
Let's hope we're getting past the days of virus and infection
Happy Merry Everything from our Section

As the calendar moves forward and the year closes out
Time for good tidings to all, and lots of cheer about
Thinking what we've been through with a little introspection
Happy Merry Everything from our Section

It's time to celebrate, decorate, deck the halls
Sing carols, get festive, cover trees with tinsel and balls
Visit family and friends and re-establish connection
Happy Merry Everything from our Section

From our Section leaders we happily offer and extend
To our members all the best as 2022 winds down to its end
Stop thinking about work stuff like calculations and deflection
Happy Merry Everything from our Section

We give the gift that keeps giving all year with THE NEWS
Filled with info that's obscure and items you can actually use
Stuff that makes it to print and somehow survives rejection
Happy Merry Everything from our Section

Hopefully you've been good and will get what you've asked for
And will look to spread the joy and sing carols door to door
Those who were not good will get coal, good for convection
Happy Merry Everything from our Section

Good holidays, happy new year, we wish you the best
After being very busy for a long while, maybe some time to rest
More work will be coming, more proposals and selection
Happy Merry Everything from our Section

Some good stuff from your Section under your tree
An updated Report Card and a new Section Mural to start off 2023
New funding and work prospects, headed in a good direction
Happy Merry Everything from our Section

Merry Christmas, Happy Hanukkah, or whatever day you cite
May you enjoy them greatly and may your smiles be bright
A bit tough to rhyme Elghawy so there we won't go
Don't miss the better holiday message from President Moe

Happy Merry Everything 2023!

Section Awards Nominations

Continued from page 3

- The Selection Committee will recommend to the Board whether the recipient should also be nominated for applicable National or Regional awards by the Section.
- A nominee for an award MUST be a member in good standing of the Philadelphia Section in the year in which the nomination is made, with three exceptions — for Educator of the Year, Government Service Award, and Philadelphia History and Heritage Award, nominees need not be members of ASCE and/or the Philadelphia Section.

AWARDS

The Section has a total of 14 awards which cover various specialty areas. In addition, the Section President can nominate an individual for the Presidential Award at his/her discretion. The awards are as follows:

- Philadelphia Civil Engineer of the Year
- Philadelphia Young Civil Engineer of the Year
- Philadelphia Government Engineer of the Year
- Philadelphia Young Government Engineer of the Year
- Government Service Award
- Educator of the Year
- Philadelphia History and Heritage Award
- Community Outreach and Service Award

Individual Technical Awards:

- Civil Engineering Manager of the Year
- Construction Engineer of the Year

- Geotechnical Engineer of the Year
- Structural Engineer of the Year
- Transportation Engineer of the Year
- Water Resources Engineer of the Year

If you are interested in submitting a nomination for consideration, please contact **Bob Wright, Committee Chair**, at 215-433-1666, or via e-mail at newseditor@asce-philly.org, to obtain a nomination form. You may also call Bob if you have any questions or need any additional information on the Section's Awards Program.



2022 REPORT CARD RELEASED (A LITTLE LATE BUT FOR GOOD REASON...)

In the December edition of *THE NEWS*, we reported that on November 15 ASCE's four Pennsylvania Sections joined to release the 2022 Pennsylvania Infrastructure Report Card. Well, three of the Sections did – we held ours to conduct a co-celebration of our reinstated Section Mural (see the separate article on this below). At our ceremony on December 6, we conducted our formal release and advised that our state's infrastructure earned a cumulative 'C-', the same grade from the 2018 report and in line with the national grade of 'C-'. The committee of engineers across the Commonwealth volunteered countless hours and evaluated 15 categories, recommending the following grades:

Category 2022 PA Grade 2018 PA Grade

Category	2022 PA Grade	2018 PA Grade
Aviation	B-	C+
Bridges	D+	D+
Dams	C	C
Drinking Water	D	D
Energy	C	C
Hazardous Waste	B-	B-
Levees	C	C
Parks	C+	B-
Ports	C+	C+
Rail	C	B
Roads	C-	D+
Solid Waste	C+	C+
Stormwater	D	D
Transit	D	D
Wastewater	D-	D-



Additional areas evaluated in 2018 included Inland Waterways, Passenger Rail and Schools, with no update provided for these in 2022. Rail is limited to freight rail facilities.

This report underscores that our aviation and rail networks are helping to drive economic growth in the region and an improved roadway network is helping improve efficiency for the regional and national economies. Infrastructure investment means more jobs, safer communities, and more money in taxpayers' wallets.

The report also highlights that as severe weather events are increasing by the year, the systems that protect the Commonwealth's residents and property are aging and are not equipped to handle current and future rainfall trends – this threatens our safety and welfare. Looking forward, we must build our infrastructure more resiliently by incorporating the latest materials, regularly collecting and aggregating data, and most importantly, building to adequate codes and standards. Funding must come from all levels of government and the private sector.

The Report Card was created as a public service to citizens and policymakers to inform them of the infrastructure needs in their state. Civil engineers used their expertise and school report card-style letter grades to condense complicated data into an easy-to-understand analysis of Pennsylvania's infrastructure network. ASCE State and Regional Infrastructure Report Cards are modeled after the national Infrastructure Report Card, which gave America's infrastructure an overall grade of 'C-' in 2021.

To view the report card and all fifteen categories, visit <https://infrastructurereportcard.org/state-item/Pennsylvania/>.

AND TO 'SPLAIN WHY WE WERE LATE... (THE ALLEGED GOOD REASON)

After several years of working on this to make it happen, our Section was successful in the reinstallation of "version 2.0" of our Section Mural. As you may recall, the original Mural was placed on the Schuylkill Expressway at the Spring Garden Street exit in 1999 as part of the City's Mural Arts

Continued on page 6

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 these folks and their helpers 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, Dennis Wilson (contact information is provided on page 2).

- ASCE Brochure – *Katrina Lawrence Budischak*
- ASCE National Conference (2026) – *Chris Menna*
- Audit – *Jesse Gormley*
- Awards – *Bob Wright*
- Budget and Finance – *Cricket Schreppler*
- College Scholarship – *Danielle Schroeder*
- Communications – *Jesse Gormley*
- Continuing Education – *Joe Natale*
- Diversity, Equity and Inclusion – *Assunta Daprano*
- Government Relations – *Archie Filshill*

- History and Heritage – *Joe Natale*
- Humphrey Fund – *John Zarsky*
- Membership – *Kevin Brown*
- Mural – *Angelo Waters*
- Nominating (for Board Positions) – *Moe Elhawry*
- Program – *Joe Natale*
- Registration and Payment – *Mike DeVuono*
- Society Relations – *Cathy Farrell, Bob Wright*
- Spring Social – *Troy Illig*
- Subsidiary Groups – *Jesse Gormley*
- Construction Management – *Bob Wright*
- Delaware Valley GeolInstitute – *Jim Beideman*
- Environmental and Water Resources – *Eric Lindhult*
- Structural Engineering Institute – *Jack Cardinal*
- Transportation & Development Institute – *Bill Thomsen*
- Utility Engineering and Surveying Institute – *Nha Truong*
- Younger Member Forum – *Tim Abel*

THANKS TO OUR SPONSORS



As we approach the midpoint of the season, we note that there are 12 firms participating in our Section sponsorship program. We extend our special and collective THANKS to each sponsor for their financial commitment and support.

Sponsor's business cards are printed in each edition of *THE NEWS*. Their logos are displayed in a special Sponsors section of our website, where we provide direct links to their own sites 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*.

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

HOLD THESE DATES ENGINEERS WEEK EVENTS SCHEDULED

The Engineers' Club of Philadelphia, through its Delaware Valley Engineers Week Committee, will cite **Engineers Week 2023 (February 16-25)**. 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 16** (two days before National E Week begins). The Dinner will be conducted at a new venue this time, the Hilton Philadelphia City Avenue. At this event, we will introduce and formally induct the **Delaware Valley Engineer of the Year**, our own **Archie Filshill**, 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.

The **Young Engineers Social** will be conducted on **Tuesday, February 21**, at a location to be named shortly. This is a networking and social event to cite the newly-inducted Delaware Valley Young Engineer of the Year (also to be named shortly).

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

Please visit the Engineers' Club website, www.engrclub.org, for more information and updates.

Report Card

Continued from page 5

Program. The location was not all that visible and the mural had to be removed after it was damaged. Following that, various efforts were undertaken to explore new options for the mural as well as the "reincarnation" of the mural itself. Following the development of the new mural, drawn by artist Luan Silva, discussions and meetings were conducted to find the "right spot" to place it.

With the help of SEPTA, an indoor and protected location was identified at the west end mezzanine of Jefferson Station, where many commuters and train riders would be able to see it on their trips on SEPTA's Regional Rail system. Continued discussion on details, which were somewhat delayed with the pandemic, resulted in the mounting and installation of the mural at this location. The mural was installed on December 5, literally hours before the planned dedication.

SEPTA General Manager Leslie Richards was on hand at the December 6 event to offer some remarks on the Mural as well as the Report Card and how SEPTA is committed to improve the transit network and system in the region. At the event, Section President Moe Elghawy opened the festivities, handing off to Past President Bob Wright who went through the information in the Report Card, General Manager Richards for her remarks, and Past President Angelo Waters for his background on the mural itself.

Thanks very much to the Mural Committee, led by Past President Angelo Waters, for its diligence and assistance in making this happen, as well as to SEPTA for its help and providing the space where it will be seen by many.



MEMBERS IN THE NEWS

LOUX RECEIVES LANDRETH AWARD FROM GSI



Dr. Theresa Andrejack Loux, Vice-Chair of the Delaware Valley Geo-Institute, was recently cited as the 2022 Landreth Steward of the Environment Award recipient. This citation, awarded by the Geosynthetics Institute (GSI), recognizes "distinguished engineering achievement related to the environment" and is presented annually. It was established by GSI in 2021 in honor of Robert Landreth, a Captain in the US Department of Public Health and research director at the US Environmental Protection Agency (EPA) who advocated for research funding for geosynthetics in the 1980's and 1990's. This pioneering research changed regulations and the manners in which waste is responsibly managed throughout the world. The award is available to matriculated graduate students, post-doctorate students and young assistant professors preferably in the areas of geosynthetics.

Theresa is the Chief Technical Officer at Aero Aggregates of North America at its headquarters in Eddystone, Delaware County and an Adjunct Professor of Civil and Environmental Engineering at Rowan University. We congratulate her on this honor.

MARTSOLF NOW DIRECTOR

Past Section President Carol Martsof was sworn in as **Region 2 Director** of ASCE. She is the first woman elected to the position for our region. She serves as a vice president of Urban Engineers and leads Urban's Training Institute at the firm's Center City headquarters.



"I am honored to have been sworn into this international leadership position by my colleagues in ASCE," Carol noted. "ASCE is one of the most important organizations in the engineering industry and I plan to continue its mission to lead the civil engineering profession to sustainably advance and protect the health, safety, and welfare of all."

"ASCE is committed to Justice, Equity, Diversity, and Inclusion – or JEDI - in civil engineering and we are making visible progress," said Maria Lehman, ASCE President. "I am thrilled that Carol is the first woman regional director from ASCE Region 2. Carol has been tireless in her pursuit as a JEDI master in the Civil Engineering profession and at Urban Engineers. I am also ecstatic that for the first time ever, the ASCE National Board of Directors has eight women out of its 18 members. We need to continue working on this important subject as the current workforce crisis is only going to be solved if we diversify the profession."

Carol was previously elected as a Regional Governor in 2015 and served two terms. A graduate of Temple University and a Professional Engineer with 29 years of experience, she has utilized her technical expertise and career knowledge to create the Urban Training Institute and develop dynamic training programs. Under her leadership, the Institute quickly evolved into an award-winning and highly respected institution. In 2008, Urban became an Accredited Provider with the International Association for Continuing Education and Training and received the National Exemplar Award for Internal Training in 2010. The program has since evolved to become a dynamic business for Urban. She has facilitated over 60 courses, workshops, and presentations on JEDI and other related topics to ASCE audiences, private firms, and clients, to help expand the understanding and importance of these important concepts.

SECTION AGENCY PARTNERSHIP PROGRAM

As you may be aware, our Section offers a Section Sponsorship Program to allow firms to help provide our various activities and programs for our membership and the Civil Engineering community in the Philadelphia area. This involves

a financial commitment which is reflected in the placement of the participant's logo and business card in *THE NEWS* and on the Section's website, along with several other benefits. Additionally, we have established an informal

recognition of government and quasi-government agencies for the assistance they have provided us, through volunteer assistance and award recognition among other things. Our Agency Partners' logos are shown below.



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Michael Baker INTERNATIONAL

I once bought my kids a set of batteries for Christmas with a note on it saying, toys not included.

Bernard Manning

