

# THE TRANSPORTATION TIMES

AMERICAN SOCIETY OF HIGHWAY ENGINEERS, DELAWARE VALLEY SECTION

2021-22 EDITION #3

## Meeting Schedule

### "Dinner" Meetings

January 19

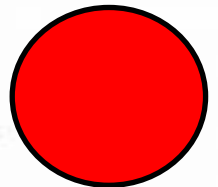
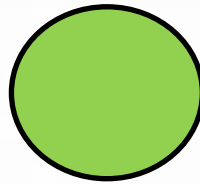
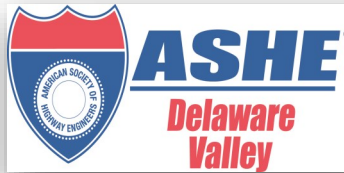
February 16

March 16

April 20

Please see the article on Dinner Meetings (page 3) for more information.

**Technical Sessions** will be scheduled throughout the season and will be conducted virtually. See the article on page 6 for more information.



### Nice List:

Corey	John Z
Nate	Mariah
Isaac	Mike
Steve D	Kevin
Amber	Steve W
Matt	Elaine
Drew	Alexa
Peter	Dave
Bruce	Bob O
Sarah	John C

### Naughty List:

Bob W (really, Mr. Claus...?)



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**Merry Christmas, Happy Holidays and best wishes for a good New Year from the Officers and Board of the Delaware Valley Section, ASHE!**

## President's Message

Happy Holidays from ASHE DelVAL! December is always a busy time of the year, with gatherings of friends and family, either in person or virtually nowadays, but also with work deadlines that predictably arise. We have much to be thankful this year as our first half of the ASHE season has had many successful events including the virtual lunch presentations on various projects from our members, the PennDOT State of Affairs Presentation by Secretary Yassmin Gramian, the Adopt A Highway cleanup, the Golf Outing at Bella Vista, and the numerous Technical Sessions presented so far. We have much planned for the second half and predict it will be just as successful.



Also, we can be thankful that the long-awaited federal infrastructure bill was passed since the last newsletter. This funding will provide a big boost to our industry and more importantly deliver improvement upgrades to our aging infrastructure.

Our Technical Session Committee, in particular through the efforts of Steve DiSciullo and Bob O'Neill, has been busy organizing and providing Technical Sessions this year. Moving to an all-virtual meeting style has allowed for approximately one session per month. This allows our membership to grow their engineering knowledge and earn those valuable PDH's. We are so appreciative for their efforts on this new format.

Nominations for ASHE National Awards are now open. Please consider nominating individuals or projects for these awards. More detailed information on the nominations for our Project of the Year competition can be found in this newsletter.

Finally, I want to thank you all for making the time to participate in and be active members of our organization. I wish all our members and supporters a safe and happy holiday season and a happy New Year.

Sincerely,

Bradford (Corey) Hull, PE  
President, ASHE Delaware Valley Section



## Young Members Committee Happenings

The Committee will continue to follow current guidance on gatherings and group functions as this develops and changes. We are reviewing possible events and activities that can be conducted this season within the guidance and restrictions in place.

The Young Member Committee, in conjunction with the ASCE Philadelphia Younger Member Forum and MASITE, will be co-hosting the **2022 Joint Winter Mixer** at the Blue Cross River Rink located at Penns Landing in Philadelphia. This event will be held in outdoor areas only and is planned for early February. The venue is a great place to enjoy ice skating, food, and drinks while gathering with you colleagues. Appetizers will be provided! Current CDC guidelines will be followed.

Please watch for more information in event flyers which will be available in upcoming email blasts and communications.



**Season's Greetings!**

*Please keep in mind for all events listed in this edition, the dates and venues are subject to change given restrictions that may be in place that are unforeseen at this time. Our Section will be communicating any postponements, changes and rescheduling to you as they are determined.*

*We appreciate your patience and understanding on this.*

## 2021-22 Delaware Valley Section Officers and Board of Directors

### President

Corey Hull  
JMT

### First Vice President

Nate Parrish  
HNTB

### Second Vice President

Isaac Kessler  
Remington & Vernick Engineers

### Treasurer

Steve DiSciullo  
Michael Baker International

### Secretary

Amber Midgley  
AECOM

### Assistant Treasurer

Matt Ward  
TranSystems

### Immediate Past President

Drew Sirianni  
Pennoni

### Board of Directors

*Term expires 2022*  
Peter Berthold  
Pennsylvania Department of  
Transportation

Bruce Masi  
Gannett Fleming

Sarah McInnes  
Pennsylvania Department of  
Transportation

John Quirus  
Bentley Systems

Please thank these  
individuals for their  
volunteer service in the  
administration and  
operation of our Section.

### *Term expires 2023*

Mariah Kerr  
Traffic Planning & Design

Mike Mogan  
Rybinski Engineering

Kevin Rice  
HNTB

Steve Windle  
McMahon Associates

### *Term expires 2024*

Elaine Elbich  
Pennsylvania Department of  
Transportation

Alexa Egan Harper  
Gannett Fleming

Dave High  
Traffic Planning & Design

Bob O'Neill  
Lotus Environmental

### Regional Director

John Caperilla  
McTish, Kunkel & Associates

### Section Executive

Bob Wright  
McMahon Associates

## Section Committees/ Chairs

### Adopt-A-Highway

Amber Midgley

### ASHE/PennDOT Breakfast Meeting

Alexa Egan Harper

### Auditing

Bruce Masi

### Dinner Meetings

Isaac Kessler  
Steve Windle

### Environmental

Bob O'Neill  
Juli Wolfe

### 50/50

Sean Pence  
Kevin Rice

### Golf

Mike Mogan

### Hotel

Bob Wright

### Membership

Dave High

### Newsletter

Bob Wright

### Nominating

Nate Parrish

### Program

Corey Hull  
Kim Waters

If you have an interest in  
being part of any  
Committee, please  
contact Section President  
Corey Hull (information is  
provided on page 8).

Please note that some  
committees have co-chairs  
to assist in the often-  
complicated tasks they must  
handle.

### Project of the Year

Matt Ward

### Public Relations

Corey Hull

### Scholarships

Sarah McInnes

### Social/Society Relations

Elaine Elbich

### Student Chapters

Mariah Kerr

### Technical Papers

Bruce Masi

### Technical Sessions

Steve DiSciullo  
John Quirus

### Website

Pete Berthold

### Young Members

Ben Deatrich  
Kevin Rice

## Dinner Meetings - Back in Person? (Soon, Maybe...)

We have decided to err on the side of caution for the foreseeable future and at this point will look to return to in-person dinner meetings in March. We had planned to do this at the start of 2022 but the stability and certainty we all are hoping for still does not seem to be "there", thus we will continue with January and February as virtual events.

As much as we would like to have in-person meetings, we understand the need for extra attention to safety as we plan ahead. We certainly do not want to put our members at undue risk or in an uncomfortable situation, particularly a situation that remains ever-changing and evolving. Meeting flyers will have the most up-to-date information on each event for your advance planning purposes.

We are completing the scheduling of a good program of meeting topics and will continue to provide professional development credit (PDH) as appropriate. While, unfortunately, you will not be able to benefit from the usual networking and social opportunities when we must schedule a meeting as a virtual event, we are hopeful there will be at least the learning opportunity and PDH credit available for you while we see what the future brings.

Technical Sessions will continue to be virtual events for this season, as this format and timing seems to have been well-received by attendees and members.

We appreciate your patience on this. As we like to say, we're all in this together, and let's continue to hope for the best.



## DVSP Program Sponsorship

Our Section started the Delaware Valley Section Patron (DVSP) Program in the 2005-06 season to allow supporting firms to be recognized. As you may be aware, the proceeds of the DVSP are entirely dedicated to our Section's Scholarship Fund. For a \$200 fee for the season, sponsoring firms are cited for their support with their logos displayed on our website and in each edition of THE TRANSPORTATION TIMES. This also provides a "hot link" to access the firm's website directly from ours.

**DVSP benefits  
(\$200 for the season)**

**Logo and Hotlink on  
Section Website  
([delvalley.ashe.pro](http://delvalley.ashe.pro))**

**Logo in THE  
TRANSPORTATION TIMES**

Season 17 of the DVSP Program is now underway, with a total of 26 sponsors thus far. They are represented by their logos, shown on page 5 as well as on our website. **Many thanks to those of you who have been a part of this program and helped support our Section!**

If you are not already a DVSP and would like to join or find out more about the program, please contact Bob Wright (information provided on page 8).

## 2021 Project of the Year — Nominations Wanted

The Delaware Valley Section is seeking nominations for the "2021 Project of the Year"!!

Two awards will be presented at our April meeting, one for larger projects and one for smaller projects. To be eligible, the project must be submitted by a member of ASHE in good standing. Project construction must have been substantially completed and open to the public between **January 1, 2021 and December 31, 2021**. The project is to have been constructed within the geographical boundaries of the Delaware Valley Section (outer boundary of the five county Philadelphia Area, namely Bucks, Chester, Delaware, Montgomery and Philadelphia counties) and should have a highway, bridge or transportation focus.

Within the next several weeks, look for an email from the Section which will provide additional information. Nominations must be received by **Thursday, February 17**. If you have any questions, please contact Matthew Ward at (484) 631-6466 or email at [mtward@transystems.com](mailto:mtward@transystems.com). We look forward to reviewing your nomination!

### IN MEMORIAM

**Robert L. Milliken, Jr.**

Past Section President Bob Milliken, Jr., passed away on November 15 surrounded by loved ones. He was the beloved husband of Patricia Milliken with whom he shared 53 years of marriage.



Following service in the US Navy, including active duty in Vietnam, Bob attended the Charleston Institute of Technology and received his degree in Mechanical Engineering. After college he moved to Pennsylvania, continuing in the Active Reserves for four years.

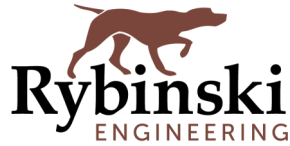
Throughout his professional career Bob served in various leadership positions and at the time of his retirement was president of Underground Services, a subsurface utility engineering firm. Post-retirement, he stayed within the industry working with InfraMap Corp as a consultant.

Bob was an active member of our Section and served as President in 2007-08. He also was a member of the American Society of Civil Engineers and was cited with the Philadelphia Section's Engineering Manager of the Year award in 2012.

In the spirit of service, after his retirement, Bob served pro bono as the Interim Executive Director of the Chester County Association for the Blind and was an active member of the Coatesville Area Lions Club, serving as President in 2016-17. He was an active and long-time member of Olivet United Methodist Church and has served on various committees and as a member of the trustees during his 45 years as a member.

As a proud veteran, he was a life member of the Veterans of Foreign Wars, American Legion, and Vietnam Veterans of America organizations. By virtue of the admirable and generous accomplishments above, he epitomized service, family, friendship, and patriotism. He is a true hero to all who have known him.

In addition to his wife, Bob is survived by his children, Lori Burns (Chris), and Rob (Melanie), granddaughter, Brenna Burns, three sisters and three brothers. A private Memorial Service was held on November 22. Memorial donations can be made to Olivet United Methodist Church, Coatesville or the Masonic Dyslexia Center for Children, Reading, PA.



**Delaware Valley Section Patrons (DVSP) 2021-22**  
Thanks for your support!

Your logo could be here — see page 4 for more information on  
the DVSP program.



We are pleased to note that five DVSP  
participants - **AECOM, McCormick  
Taylor, McMahon, TPD and Urban  
Engineers** - have been sponsors for  
all 17 years of the Program. Thank  
you for your long-time support!

## Technical Sessions

We continue to schedule Technical Sessions with a plan of approximately one per month over the course of this season. Thus far, five have been conducted, and more are in the works for the next few months. Separate flyers will be distributed on these with details on each Session and information on RSVP and registration. We hope to "see" you at these as your schedule permits.

The format will continue to vary between one-hour sessions (generally being scheduled for a 12 Noon start) and two-hour meetings (primarily to occur at the end of the day, with a 4 PM start). All Technical Sessions this season will be presented as virtual events, as these have been well-received by members from both scheduling and convenience standpoints. More information will be provided in upcoming editions of THE TRANSPORTATION TIMES as well as in separate Session flyers.

## Environmentally Speaking...

*Our Environmental Committee provides this regular feature in THE TRANSPORTATION TIMES on items of interest from the environmental side for our awareness and information. We are grateful to the Committee for its help in providing this, and special thanks to Committee Member (and Past Section President) **Jeff Obrecht, PG**, of RK & K, the author of this edition's segment.*

### Pavement Recycling — Strategic Recycling Program (SRP)

This October, as part of a new product evaluation, a portion of a replacement pavement project in Ridley Creek State Park was constructed with asphalt containing a modifier manufactured with recycled plastics. This Delaware County project represents a collaborative effort among Pennsylvania's Department of Transportation, Department of Conservation and Natural Resources, and Department of Environmental Protection; PennDOT's Strategic Recycling Program's (SRP's) technical team led the research, planning, and coordination for this pilot/demonstration project.



The project includes two quarter-mile sections where the recycled plastic asphalt modifier was used in the road's wearing course. The asphalt modifier, manufactured with a blend of harder-to-recycle plastics, is intended to strengthen the road surface, last longer, and will not release asphalt mixture materials into the surrounding environment. The test sections in the project used the equivalent of 150,000 single-use plastic bags. In addition to recycled plastic, this full-depth reclamation project also employed recycling of the existing road/base material and approximately 30 percent of the asphalt pavement contained recycled millings.

This project and material being tested support interagency goals to increase the Commonwealth's sustainability in operations. Potential benefits include:

- Extended useful life of asphalt pavements;
- Diverting waste plastics from landfills and helping to establish a viable market for these plastics;
- Diminishing the petroleum bitumen used in asphalts; and,
- Continued ability to reuse asphalt milling in future paving projects.

The sections paved with the plastic asphalt modifier will be monitored for performance and compared to an adjacent standard asphalt blend section. Over the next five years, PennDOT's SRP team will monitor the technical performance and conduct evaluations of microplastics release. This recycled plastic asphalt modifier was chosen because:

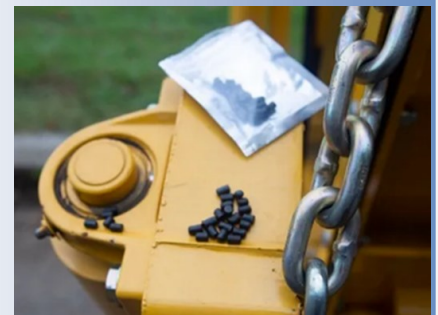
- It is readily stored, handled, and added to the pavement at the asphalt plant;
- It completely melts and blends within the asphalt bitumen binder;
- Other state DOTs have reported successful pilots of this product; and,
- Laboratory testing shows the asphalt modifier helps bind other deleterious materials within the asphalt mix.

"Transportation is integral in our communities and we are always evolving our operations," PennDOT Acting Deputy Secretary for Highway Administration Mike Keiser said. "We are very pleased when we can pursue innovations bringing benefits to the public, our transportation assets, and our environment."

"Sustainability is at the core of DCNR's mission, and we are pleased that one of our 121 state parks was selected to be a part of this innovative pilot project," DCNR Secretary Cindy Adams Dunn said. "We look forward to testing this new technology based on the expected benefits and are hopeful that it is a model for future successes in Pennsylvania, especially with regards to state agencies collaborating to create more sustainable operations and policies across the Commonwealth."

More about this project can be found at:

<https://www.penndot.gov/pages/all-news-details.aspx?newsid=886>





### Members in Transportation/Transition



#### Sibley Cited by ACEC

Section Past President **Scott Sibley** was recently awarded the 2021 National American Council of Engineering Companies (ACEC) Community Service Award at the ACEC Fall Conference in Marco Island, FL. This award is presented to outstanding individuals involved in service while demonstrating a sustained commitment to their communities.

Scott, a Senior Vice President at Gannett Fleming, has served as President, Board Member, and Regional Director for ASHE Delaware Valley in addition to his current work with several professional and community organizations in Montgomery County.

We are proud to congratulate Scott on this honor!

#### Brown's "Spin" on His Engineering Career

Section Member **Kevin Brown** was recently featured in an update/release from his alma mater, Widener University, with his words of wisdom on how his Widener education helped him turn an early interest in the engineering field into a rewarding career. Please visit this site to read the entire insightful interview:

<https://www.widener.edu/widener-advantage/pride-perspectives/building-career-impact-industry-and-future-engineers?fbclid=IwAR17JV5bqxiTUeohayzXuBPcz6qDarRY--OhNe98KKo4X7IKJDY6g1z-XEI>

We thank Kevin for his efforts to spread the word on our profession.

# ASHE '22 NATIONAL CONFERENCE MAY 12-15 COLUMBUS, OH



Please watch for updates and additional information in coming editions of THE TRANSPORTATION TIMES or visit [2022conference.ashe.pro](https://2022conference.ashe.pro).

### Future City - Help Needed

Future City Philadelphia will conduct its annual competition on January 22. Mentors and various volunteers for the competition, including judges, evaluators and Zoom hosts, are needed. Please visit [www.futurecityphilly.org](http://www.futurecityphilly.org) for more information and details.



A total of 45 schools will be competing this time around. Our Section will be offering a Special Award as we have done for several years.

#### Do Things Look a Little Different?

*As reported in our last edition of THE TRANSPORTATION TIMES, we tweaked things a little with our format and presentation to try something different and subtly refresh the look and feel of our newsletter. Please let us know your reactions and opinions on this. Thanks for your help.*

## Contact Us

*THE TRANSPORTATION TIMES, the newsletter of the Delaware Valley Section, is published and distributed to our members several times each season to advise and update all on current events and happenings in our Section.*

*If you have news items for future editions of THE TRANSPORTATION TIMES, please feel free to contact us.*

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## REMINDER

Deadline for copy/  
information for the next  
edition of THE  
TRANSPORTATION TIMES

**February 18**

## VISIT OUR WEBSITE!

Please visit  
**delvalley.ashe.pro**  
for all the Section's current  
information you'll need to  
keep up-to-date on things.

## Donna Prentice Memorial Scholarship Competition - Update

Our Section's Scholarship Program has been benefitting local college students since 1972. We have had one of the largest such efforts among ASHE Sections nationally over the years. Many recipients have gone on to positions in the industry, both locally and out of the area, and a number have become members of ASHE.

Our Program had a total of \$12,000 in awards to 7 students last year. We are proud to be able to support our local future engineers and help them in their educational pursuits. The Scholarship Program has benefited numerous students over the years, and was renamed in honor of the late **Donna Prentice**, wife of long-time Section member Rich Prentice, in 2003.

Applications for scholarships were due by December 15 and we have received seven applications for consideration and review. These will be evaluated by the Scholarship Committee and decisions will be made to allow candidates to be notified in January, with the intent of inviting the selected recipients in attendance at our February Section meeting to be cited accordingly.

Our 25th Annual Golf Outing, conducted on October 4, realized proceeds of over \$8,800 which will be directed to our Scholarship Fund.

We appreciate being able to assist local students with this program to help with their educational pursuits and career goals.

## Reminder - Membership Applications Are Now Electronic!

If you know someone who is considering becoming an ASHE member, our Membership Application can be downloaded and completed, then submitted via e-mail, with payment available via PayPal. Please visit our website (delvalley.ashe.pro) and click on the **Membership** tab for more information and details on this.



We hope this will make the process of becoming a member of our Section more efficient. Please feel free to share this information with anyone you know who may be interested in joining our Section.

## Mark Your Calendar - Engineers Week Events

The Engineers' Club of Philadelphia, through its Delaware Valley Engineers Week Committee, will cite **Engineers Week 2022** on February 17-26.

Engineers Week in the Delaware Valley will officially begin with the **Engineers Week Opening Dinner on Thursday, February 17**. All Engineers Week award and scholarship recipients will be cited at the Dinner. The recently-elected Delaware Valley Engineer of the Year, **Anne Michelini**, will be formally cited and inducted at the Opening Dinner.

The Young Engineers Social will be conducted on **Tuesday, February 22**, to introduce the to-be-selected Delaware Valley Young Engineer of the Year.

For each of the Engineers Week events it is planned to return to in-person format this year. Updates will be provided in event flyers which will be distributed in early January.

Please visit the Engineers' Club website, [www.engrclub.org](http://www.engrclub.org), for more information.

## American Society of Highway Engineers — Mission Statement

*Provide a forum for members and partners of the highway industry to promote a safe, efficient and sustainable transportation system through education, innovation and fellowship*