

THE TRANSPORTATION TIMES

AMERICAN SOCIETY OF HIGHWAY ENGINEERS, DELAWARE VALLEY SECTION

2025-26 EDITION #1



President's Message

As the summer winds down and the school buses begin to roll, we officially welcome the start of the 2025–2026 ASHE Delaware Valley Section season. I'm excited to kick things off and look forward to seeing many of you at our first dinner meeting this September.

I am truly honored to serve as President of the ASHE Delaware Valley Section. I want to extend my sincere thanks to Amber Midgely for her outstanding leadership last year. She, along with the presidents before her, has laid a strong foundation, and I look forward to continuing the great work that has made our section thrive.



I'm pleased to welcome our newest board members: **Alex Eadline, Caitlin Gallagher, Susan Giannantonio, Qiong Liu, and Dustin Woywod**. I look forward to the energy, insight, and leadership they will bring to our section. We are fortunate to have a dedicated board made up of individuals who work hard behind the scenes to make our events and initiatives a success. Please take a moment to thank them when you see them.

This upcoming year promises to be a full and rewarding one. From our dinner meetings and technical sessions to volunteer events, networking opportunities, and our always-anticipated golf outing, there's something for everyone to attend. I'm especially excited to connect with others throughout the year, and I hope you will take full advantage of these opportunities to get involved within our Section. While virtual tools and meetings have their place, there's lasting value in showing up to connect and collaborate.

One of the greatest strengths of our organization is the community we've built. As engineers and industry professionals, we are privileged to work on some of the region's most impactful and challenging projects. I encourage each of you to invite your colleagues to our events and take the time to meet someone new. Let's share our ideas through mentorship and support one another to advance our profession, because every connection we make strengthens both our industry and the communities we serve.

Thank you for the opportunity to serve this remarkable section. Cheers to an exciting and eventful year ahead!

Sincerely,

*Kevin J. Rice, PE
President, ASHE Delaware Valley Section*

"Changing of the guard"

Incoming President **Kevin Rice** receives the gavel from outgoing President **Amber Midgely** at our Annual Meeting on April 16, as the Section Presidency was transitioned, wrapping up yet another successful season for our Section. As well Kevin presented Amber with a plaque citing her service as President.

Meeting Schedule

Dinner Meetings

September 18 (Thursday)

October 15

November 12 (second
Wednesday)

January 21, 2026 (joint with
ASCE Philadelphia Section)

February 19 (Thursday)

March 18

April 16 (Thursday, Annual
Meeting)



Technical Sessions

Technical Sessions will be scheduled throughout the season and will be conducted virtually. See page 8 for more information on this.

*Next Tech Session -
September 17*



**2025-26 Delaware Valley
Section Officers and
Board of Directors**

This slate of Officers and Board members was installed at our Annual Membership meeting on April 16.

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

We remain strong with a solid base of knowledge and experience on our Board, with eight Past Section

Presidents being part of the group (indicated by * below).

Thanks to the 2024-25 Nominating Committee - **Kevin Rice (Chair), Bruce Masi, Jeff Obrecht, Nate Parrish and Drew Sirianni** - for their help with the development and preparation of this slate.

President

Kevin Rice
HNTB

First Vice President

Don Gusic
CDM Smith

Second Vice President

Matt Ward
GFT

Treasurer

Sean Pence
TPD

Secretary

Steve Windle
Bowman

Immediate Past President

Amber Midgley *
Bentley Systems

Board of Directors

Term expires 2026

Isaac Kessler *
Remington & Vernick Engineers

Bruce Masi *
GFT

Mariah Shaw
TPD

Drew Sirianni *
HNTB

Term expires 2027

Elaine Elbich *
Pennsylvania Department of
Transportation

Caitlin Gallagher
HNTB

Sarah McInnes
Pennsylvania Department of
Transportation

Susan Giannantonio
NTM Engineering

Term expires 2028

Peter Berthold *
Pennsylvania Department of
Transportation

Alex Eadline
CDM Smith

Qiong Liu
Pennsylvania Department of
Transportation

Dustin Woywod
Michael Baker International

Regional Director

John Caperilla *
CDR Maguire

Section Executive

Bob Wright *
Bowman

Many thanks to outgoing Board members Steve DiSciullo, Alexa Egan Harper, Nate Parrish, Kim Waters and Juli Wolfe for their service.

We welcome new Board members Alex Eadline, Caitlin Gallagher, Susan Giannantonio, Qiong Liu and Dustin Woywod.



Most of our 2025-26 Board members and officers pictured at left, from left to right, Drew Sirianni, Susan Giannantonio, John Caperilla, Kevin Rice, Amber Midgley, Bob Wright, Elaine Elbich, Sean Pence, Alex Eadline, Dustin Woywod, Bruce Masi, Peter Berthold, Matt Ward.

Annual Golf Outing (XXIX) - Earlier Time, Success (Again...) !

Our Golf Committee successfully conducted our **29th Annual Section Outing** on May 19, on what turned out to be a great day weather-wise for golf, going a little earlier than in the past to avoid a conflict with the National Conference. Just under 100 participants came out to Bella Vista Golf Course in Gilbertsville to hit a few balls around as well as to network with colleagues, peers and friends. Play followed the usual scramble/best ball format, with proceeds of roughly \$6,000 realized, which will go toward our **Donna Prentice Memorial Section Scholarship Fund**. We especially appreciate the generosity of our sponsoring firms (shown at right).

The results were as follows:

First place - TPD/SAI squad, -10

Second place - TRC squad, -8

Closest to pin, hole 14

Amber Midgley (9' 6"), **Yinbo Liu (3' 10")**

Long drive, hole 9

Sarah McInnes, **Justin Drager**

Thanks to the Golf Outing Committee and Chair **Don Gusic**, as well as the volunteers on hand, for another successful event. We look forward to our 30th Annual Outing next year.

And, of course, thanks to all who sponsored and participated to make the Outing a success once again!



**Section Committees/
Chairs**

Newsletter
Bob Wright

**ASHE/PennDOT
Breakfast Meeting**
Alex Eadline

Nominating
Don Gusic

Auditing
Isaac Kessler

Outreach
Peter Berthold, Steve Windle,
Co-Chairs

Dinner Meetings
Greg Scafonas, Drew
Sirianni, Co-Chairs

**Professional Society
Relations**
Elaine Elbich

Educational
Susan Giannantonio

Program
Qiong Liu

Environmental
Heather Coons

Project of the Year
Alex Eadline

50-50
Greg Scafonas

Scholarship
Lili Bhatt
Bruce Masi, Assistant Chair

Golf
Jim Brady

**Student and Young
Members**
Dustin Woywod

Hotel
Bob Wright
Jeff Hanna, Assistant Chair

Technical Papers
Drew Sirianni

Membership
Caitlin Gallagher

Committees have been reconfigured and restructured over the past season to reflect activities and changes that have been made to help make coordination both within and among the committees more efficient. Some of this includes:

- **50-50** has been reinstated (it had been merged into Dinner Meetings but found to work better separately)
- **Educational** includes the formerly separate Technical Papers and Technical Sessions Committees
- **Environmental** had been merged into Educational but has been separated given its scope, focus and program
- **Outreach** includes the formerly separate Public Relations and Website Committees
- **Professional Society Relations** is the renamed and slightly refocused Social/Society Relations Committee
- **Scholarship** encompasses the role of publicity of Scholarship recipients formerly handled within the Public Relations Committee
- **Student and Young Members** includes the Adopt-A-Highway, Student Chapters, and Young Members Committees

Some Committees have co-chairs or assistant chairs to help with particular needs and timelines they may have.

If you have an interest in being part of any Committee for the coming season, please contact Section President Kevin Rice (information is provided on page 12).

Young Members Committee Happenings

The spring version of the semi-annual Adopt-A-Highway cleanup event was held on **May 3**. The combined ASHE Young Members Committee and ASCE Younger Members Forum contingent is pictured at right. Following the cleanup activity the participants enjoyed some food and drinks at the Fireside Bar and Grille, conveniently located within the adopted corridor. Thanks for everyone’s help with this. The Fall event will be scheduled shortly and notices will be sent in upcoming e-mail blasts and flyers.

YMC and young members of MASITE (Mid-Atlantic Section, Institute of Transportation Engineers) joined forces at Top Golf in King of Prussia on **May 31** to sharpen their skills for the then-coming golf season. A total of 25 participants from the combined groups were there for this Saturday morning activity and while the practice was a little late for our Section’s golf outing (see the separate report on this in this issue), it was rumored that some club swinging looked to be straight out of the pro tour.

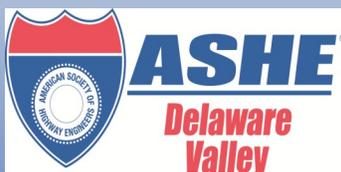
A second re-match/third annual version of the popular ASCE/ASHE/ MASITE **kickball event** was held on **June 18** in Fairmount Park. Once again this group was joined by the Young Professionals in Transportation (YPT). And once again at stake was the coveted **Traffic Cone Trophy**, held by the ASHE/MASITE team since last time.

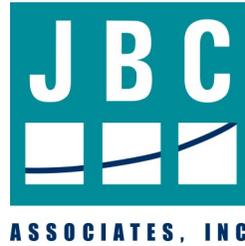
Roughly 30 participants, some of whom are in the photos below, attended the competition and picnic happening during the games. This year the groups were divided up a little differently than in the past, thus there was no “winner” per se and the Traffic Cone Trophy will remain unawarded and once again up for grabs perhaps at next year’s competition. However, a good time was had by all. The diverse experience spanned highway, traffic, planning, rail, construction, environmental and water disciplines.



Thanks to those who helped plan and organize this event. In addition to Sean Pence of our Section, Daniel Eskinder, Tyler Hartman, Lexy Tracy and Gina Venuto lent their time and effort toward making this a success. Thanks to everyone who attended and helped make this happen.

Stay tuned for updates on our upcoming events this season, both in our e-blasts as well as flyers on tables at our Dinner meetings.

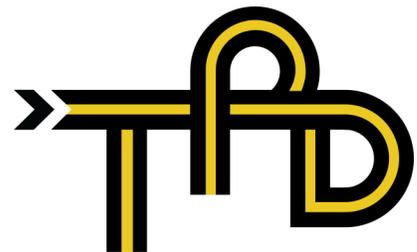




Delaware Valley Section Patrons (DVSP) 2024-25

Thanks for your support!

Your logo could be here!
(See page 6 for how to become a Delaware Valley Section Patron.)



DVSP Program Sponsorship - Starting Season 21

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 support our Section's Scholarship Fund. For a single 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
(\$300 for the season)**

**Logo and Hotlink on
Section Website
(delvalley.ashe.pro)**

**Logo in THE
TRANSPORTATION TIMES**

As we enter our 21st season, we thank the 26* firms that have participated in the program last season for their generosity and support. Their logos are shown on page 5 as well as on our website. (* Two of these firms have since combined into a single entity.) **We very much appreciate your "service" as a DVSP participant.**

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 12). We will be soliciting for renewals and new sponsors for this season in September. We will also be adding a new recognition of our **Agency Partners** starting with our next edition.

*We are pleased to note that five DVSP participants - **AECOM, Bowman, McCormick Taylor, TPD and Urban Engineers** - have been sponsors for all 20 years of the Program. Thank you for your long-time support!*

Members in Transportation/Transition

McInnes Cited as Philadelphia Civil Engineer of the Year

The Philadelphia Section of the American Society of Civil Engineers (ASCE) cited **Sarah McInnes** as the recipient of its Philadelphia Civil Engineer of the Year Award for 2025. This award, the Section's highest honor, was presented to Sarah at the Section's Spring Social, which was conducted on May 15.

Sarah serves as the Senior Assistant Construction Engineer, Services, at the PennDOT District 6 office in King of Prussia. She has been with PennDOT in various capacities for the past 29 years and has been involved with all phases of transportation project development. With her promotion to Construction Services Engineer four years ago, she has taken on additional duties and oversees construction staff, materials, surface treatment, constructability and schedule review, consultant agreements, structure control, other construction services, and multiple construction projects of various sizes and types. She has strived to provide timely project delivery and safe, economical and constructable products, and has taken great effort to implement a design program to minimize construction and future maintenance costs. This has been achievable through her leadership and ability to utilize the latest available technologies to further the Department's mission. On the I-95 reconstruction projects, her insight into constructability has reduced the need for extra work and has resulted in considerable cost savings.



Sarah received her Bachelors degree in civil engineering from Syracuse University in 1992, followed by her Masters degree from Villanova University in 2013. She is active in the ASCE Delaware Valley Geolnstitute and serves on the Board of Directors of our Section. She has authored and published numerous papers and presentations on geotechnical topics as well. She was recognized for her efforts with ASCE's Geotechnical Engineer of the Year award in 2020. She and her family live in Harleysville.

In the photo above she is receiving her award plaque from Bob Wright, our Section Executive, at the ASCE Social, in his capacity as ASCE's Awards Committee Chair.

Section Recognizes Young Member and Member of the Year

Our Section initiated awards to recognize the significant contributions and activities of Section members in 2023 to annually cite a Young Member of the Year and a Member of the Year. Nominations were opened in December and two recipients were selected for these honors, which were awarded at our Section's Annual Meeting on April 16.

Sean Pence, PE was cited as our Section's Young Member of the Year. A Temple University graduate with a bachelor's in civil engineering, Sean brings his expertise and drive to everything he does. His talent has already garnered him recognition, when in 2020, the Greater Valley Forge Transportation Management Association named him one of its Top Transportation Demand Management Professionals under the age of 40. Within the Delaware Valley region, he has significantly improved the safety and efficiency of the transportation network through his design and project management skills. His impact is evident in numerous projects in our region.

Beyond his project portfolio, Sean actively serves the Delaware Valley area through various leadership roles. At the local level, he holds the position of Vice Chairman for the Lower Pottsgrove Township Sewer Authority, where he plays a key role in selecting projects that safeguard existing infrastructure and pave the way for future development within the Township. His commitment extends further through his extensive involvement with our Section, where he has held positions in the Young Members, PennDOT Breakfast, 50/50, and Student Chapter Committees. Recognizing his contributions is not just honoring an engineer but investing in the well-being of the Delaware Valley for generations to come. He and his family reside in Pottstown.



Peter Berthold, PE was named as our Section's Member of the Year. Peter is currently an active Board member of our Section and has served as such for more than 30 years. Throughout these years he has diligently served on various Committee assignments including Scholarship, Project of the Year, Outreach, Website and Nominating. He has also held Officer positions including Second Vice President, First Vice President, and Section President (2005-06).



Peter is currently employed by PennDOT where he holds the position of Portfolio Manager in District 6. He manages various District design units including Planning and Programming, Contract Management, Environmental, Pavement, and Utilities. He oversees the City of Philadelphia Federal Aid Municipal (FAM) Program, which entails the design and ECMS input for approximately 15 projects. He is also responsible for the preparation of reimbursement agreements for all assigned FAM projects. He additionally provides administration assistance for I-95 Sector A and B projects including contract preparation and oversight. He served as a Project Manager at PennDOT from 1999 to 2015 and was responsible for the construction letting of approximately 50 projects in the Delaware Valley. He handled all aspects of project development including preliminary engineering and final design.

Peter participates yearly in the PennDOT Holiday Wish Program. He is an active member of St. Katharine of Siena Church and is involved in various church charitable activities throughout the year. He has made significant contributions to the Delaware Valley throughout his career. He, his wife Elaine Elbich (another Past Section President!) and family live in Wayne.

We congratulate Sean and Peter on their honors!

Guzy Calls It a Career...

After 42 years working in the transportation business in Pennsylvania, **Jeff Guzy** retired in June. Jeff spent 32 of these years at URS and its predecessor firms, and served as the Mid-Atlantic Regional Manager prior to joining RK &K. He became an Executive Director at his new firm, focusing on the Pennsylvania and Delaware markets. Among his notable projects was the completion of the last "missing link" of I-95 in Pennsylvania, in the vicinity of Philadelphia International Airport, which opened to traffic in 1985.

Jeff served for many years as the Board President of the Greater Valley Forge Transportation Management Association (GVFTMA). In honor of his dedicated leadership and service, the GVF Praetor Award, given to individuals who have provided outstanding service to the Association, was presented to him at GVF's 35th Annual Meeting in May. (The term "Praetor" is derived from Latin, meaning "one who goes before" or "leader".)

We wish Jeff well in retirement and proudly recognize his service and contributions to our profession.



Engineer of the Year Featured at Annual Meeting

While not a member of our Section, we were pleased to have **Dr. Zenaida Gephardt**, Professor Emeritus (Chemical Engineering) at Rowan University, the 2025 Delaware Valley Engineer of the Year, as our guest and speaker at our Annual Meeting in April. Dr. Gephardt gave us some inspiring words and very much appreciated our invitation for her to attend and our hospitality as well as a chance to have some interesting conversations with our members and meet some of our individual and project award recipients. We thank Dr. Gephardt for attending and sharing her wisdom.

DVSP/Sponsors in Transportation/Transition

In 2024, **GFT** was born through the merger of two trusted names in infrastructure, Gannett Fleming and TranSystems. Combining more than a century of innovation, expertise, and dedication to sustainability, GFT proudly honors its shared history in everything it does.

Prior to the merger, both firms experienced tremendous periods of growth and welcomed more firms through acquisitions, adding capabilities, new markets, and additional engaged professionals to solidify their roles as industry leaders. This growth set the stage for the successful merger into GFT.



Ingenuity That Shapes Lives

As a unified firm, GFT exists to shape a lasting legacy for future generations by transforming the infrastructure of life. Its team of 5,000+ experts design, construct, and engineer resilient, creative solutions that uplift communities across North America and beyond.

Gannett Fleming, founded in 1915 by Farley Gannett and Theodore Seelye as Farley Gannett, Consulting Engineer in Harrisburg, set out to advance America's infrastructure. Samuel Fleming, Jr. joined the firm shortly after in 1916. Over the years, the firm expanded its services across water resources, transportation, environmental solutions, and more, becoming a global leader in engineering and design.

TranSystems was established in 1966 by Herbert Johnson, Gerald Brickell, and Edward Mulcahy as JBM Associates Engineers and Planners in Kansas City to address growing transportation challenges. Over time, the firm merged with other respected companies and became TranSystems in 1995. With a focus on transportation infrastructure, TranSystems expanded coast to coast and provided a powerful combination of national expertise with a local understanding of the communities it serves.

Dinner Meetings – Going “Hybrid” Location-Wise Again; Technical Sessions, Still Virtual...

Our Section Dinner Meeting program for last season was (no surprise) successful and well-received/attended. We appreciate your flexibility and accommodation with the two-venue approach, and it is our intent to continue this pattern this season. More information will be forthcoming on this. You may have also noticed we will have some meetings that will be unable to be scheduled on our “usual” third-Wednesday pattern given conflicts with venues.

We are pleased that we were able to offer varied and interesting topics last season and look forward to continued success when we open the current program year in September. We will continue to do what we can to get the maximum benefit for our meeting attendees at the optimal cost as we plan our upcoming meeting program.

Your feedback on the meeting locations, meals, etc. is certainly welcome both in the PDH questionnaire forms as well as direct comments to the Officers and Board. We are here to help make these experiences the best possible and would certainly like to hear from you if you have suggestions, input, etc.

Technical Sessions will continue to be virtual events, with the intent to continue to offer varying and interesting topics. They will continue to be scheduled, with different starting times (12 Noon or 4 PM), a format that has been popular and has worked successfully over the past five seasons. As always, they will continue to offer the important and valuable PDH benefit. A total of six such Sessions were offered for the “expanded” 2024-25 season (the most recent, in May and July, were by calendar 2025-26 season events) as well as a technical tour offered in August 2024.

More information will be provided on scheduled Technical Sessions in upcoming editions of THE TRANSPORTATION TIMES as well as in separate Session flyers and e-mails. We hope you have been able to take advantage of these informative sessions.



Photo from March Meeting - Two Boards...

From our March Dinner meeting, joint with the Philadelphia Chapter of the Women's Transportation Seminar (WTS), members of the boards of each group in attendance posed for this photo.

Environmentally Speaking...

Gone Fishin...

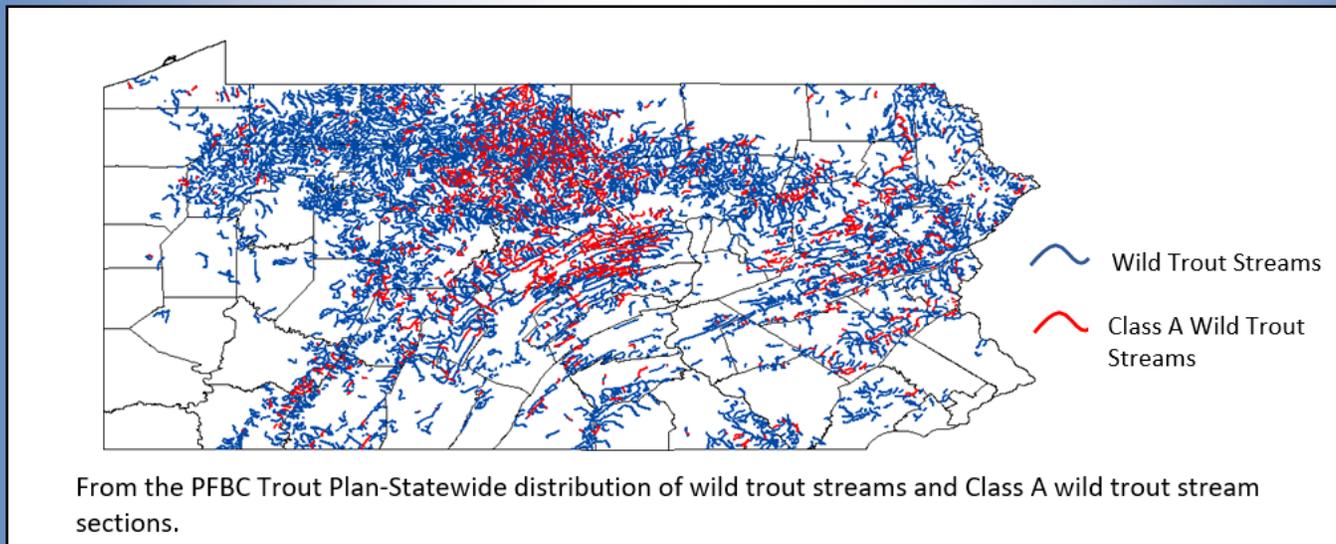
If you've ever wondered why so many of our projects have seasonal, in-stream work restrictions due to the presence of wild trout, read on! This article will shed some light on the mysterious world of wild trout management in Pennsylvania.

Did you know that the Pennsylvania Fish and Boat Commission (PFBC) has a Strategic Plan for the Management of Trout Fisheries in Pennsylvania? The Commission calls it the "Trout Plan" and the current 2025-2029 version can be viewed here: [troutplan2025.pdf](#)

The 2025-2029 Trout Plan is the PFBC's fourth trout management plan. Its first plan was published in 2010.

The 2025-2029 Trout Plan is divided into two sections: 1) Management of Pennsylvania's Wild and Stocked Trout Resources and 2) Management of Trout in Lake Erie and Tributary Streams. The two sections are comprised of 15 topics and 48 objectives to guide trout management. The current plan was authored by Fisheries Biologists Nathan Walters, Jason Detar, David Nihart, and Kristopher Kuhn with assistance from PFBC staff from the Bureaus of Fisheries, Hatcheries, Outreach, Education and Marketing, Law Enforcement, and Administration.

Also, did you know that Pennsylvania has approximately 86,000 miles of flowing water and as of October 2024, the known wild trout stream resource in Pennsylvania consists of 5,996 streams representing over 17,760 stream miles that support wild trout populations? This cold-water resource is diverse and trout stream habitats range from small headwater streams to large, limestone spring-influenced streams. Most wild trout streams in Pennsylvania are in the north central region of the state, however, wild trout populations have been documented in 64 of the state's 67 counties. Class A wild trout streams contain the most abundant wild trout populations, and they also qualify for more stringent water quality protection standards by the Pennsylvania Department of Environmental Protection. As of October 2024, the PFBC officially designated 1,236 stream sections, representing 3,267 stream miles, as Class A wild trout streams.



Fisheries Biologists across all corners of the state participated with the development of the Trout Plan and they utilized results of fish population assessments and angler surveys to perform their fisheries management objectives. For management purposes, the PFBC delineates the state by watersheds, and it has nine Division of Fisheries Management Areas. Eight of the areas are responsible for managing the Commonwealth's inland trout fisheries, while the ninth, the Lake Erie Unit, manages the open water Lake Erie trout fisheries. In addition, the PFBC has 10 state fish hatcheries that are responsible for the propagation and procurement of stocked trout necessary to meet their management objectives.

National Conference 2025 A Success...!

This year's National Conference, co-sponsored by North East Penn, East Penn and our Sections, and conducted at Kalahari Resort in the Poconos on June 4-8, was among the best attended Conferences, with close to 550 guests and 35 exhibitors. Attendees participated in over 25 technical presentations and two major project site tours, including a unique backstage event to view the behind-the-scenes/inner workings of Kalahari's water park.



Thanks to all who were able to be a part of the Conference and the many volunteers who made it all happen and come together!

Photos from the PFBC 2025-29 Trout Plan



From the PFBC 2025-29 Trout Plan-Location map for Fisheries Management Areas and State Fish Hatcheries.



This article was developed by Bill Savage, retired PFBC Fisheries Biologist, currently employed with the Environmental Division of NTM Engineering, Inc. Information used for this article was directly taken from the PFBC's 2025-2029 Strategic Plan for Management of Trout Fisheries in Pennsylvania.

Thanks to Bill for this information.

2024 Projects of the Year

Our Section recognized two efforts as part of our Project of the Year competition last season. As has been done in the past, the process was broken into two categories based on construction cost (under \$20 million and \$20 million and over). Summaries of our award-winning projects are provided here. For the "full story", please see the comprehensive write-ups in the ASHE Scanner (Scanner Magazine – American Society of Highway Engineers).

Project of the Year, Under \$20 Million SR 2006, Section 476, MacDade Boulevard Interchange

The MacDade Boulevard/I-476 interchange, located in Ridley Township, Delaware County, was originally completed in 1992 as a part of the I-476 project. The purpose of this project was to improve safety by adjusting traffic patterns and relieving congestion on northbound I-476. Final inspection was on December 17, 2024 with a total project construction cost of \$19,100,000. The project was completed 615 days earlier than anticipated.

The project was complex requiring eight stages of construction and an expansive scope of work including both rigid and flexible pavements, drainage, curb, sidewalk, traffic signals, structural work, stormwater management, barrier installation, and ITS facilities. It also required coordination with a construction project on MacDade Boulevard to the west and an ongoing pavement preservation project along I-476.

The project is a flagship for collaboration, originality, and innovation. Federal, Commonwealth, and Local agencies worked together to bring the travelling public a valuable transportation improvement. The early completion of this complex project exceeded PennDOT's expectations.



Project team:

Owner - PennDOT
Contractor - Allan Myers

Designer - HDR
Construction Manager - Urban Engineers, CMC

Project of the Year, \$20 Million / Over I-95 Reconstruction, Section BR2

The four-phase \$880 million reconstruction of the Betsy Ross Bridge Interchange (BRI) along I-95 in lower Northeast Philadelphia is among the largest highway improvement programs in the Northeast Corridor. Its goal is to create a safer, more efficient interchange for the 160,000 vehicles travelling I-95 daily by rebuilding its complex network of roadways, ramps, and bridges.



Pennsylvania Department of Transportation (PennDOT) District 6 contracted STV for preliminary engineering, final design, and construction support services. The program's second phase, BR2, involved complete reconstruction of the three-level interchange, prioritizing efficiency, safety, and long-term stability.

Constrained site conditions required innovative structural systems to meet project goals, including replacing spans over the Frankford Creek, Conrail, and NJ Transit, while working beneath high-voltage transmission lines. PennDOT piloted

the nation's first steel curved tubular flange girder (TFG) span, and Pennsylvania's tallest prefabricated T-Wall system was constructed. Innovative temporary supports helped achieve major goals, including maintaining traffic on existing ramps to minimize detour durations and preserving infrastructure from previous construction phases.

As part of the BR2 project, areas were identified where ramp structures could be replaced with roadway on fill. Since these areas were in locations of more supportive underlying soils, STV oversaw the construction and monitoring of a test embankment to determine settlement rates within the project area. The test embankment gave the team critical design information that allowed

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

October 17

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.

them to properly size and configure embankments, retaining walls, and bridges within the interchange. The proposed configurations contributed to significant reductions of proposed bridge deck area and included over a 50' embankment and retaining wall design. A total of 690,000 square feet of bridge deck area within the interchange will be eliminated, resulting in an initial construction cost savings of over \$160 million and almost a 2% reduction of total bridge deck area within District 6.

Section BR2 opened to traffic on November 10, 2023, roughly 2 weeks behind what was originally planned, and the project was substantially completed in February 2024. The project's budgeted cost was \$93,634,911. The actual cost was \$96,964,161.

Project team:

Owner - PennDOT

Contractor - Buckley & Company

Designer - STV

Construction Manager - Urban Engineers, JBC

Other submissions for the Project of the Year competition were:

\$20 million/over

SR 202 Section 065S (Chester County)

Under \$20 million

Montgomery Avenue Bridge (Philadelphia)

Ridge Pike (Montgomery County)

Tinicum Island Road Relocation (Delaware County/Philadelphia)

We thank all submitters for their efforts and look forward to the 2025 competition later this season.

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. PDF files of the applications can be submitted via e-mail. Please visit our website (delvalley.ashe.pro) and click on the **Membership** tab for more information and details on this. Please feel free to share this information with anyone who may be interested in joining our Section.



We are proud to report that, as of last count, we have **340** Section members, making our Section one of the largest in the ASHE national organization.

Thanks to those of you who continue to support our Section.

Dues invoices for the current season were sent to members in June and follow-up reminders have gone out since then. If you have not renewed yet, please do so to avoid late charges or (worse) being removed from the membership rolls.

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