

December 2022



ASHE August - December 2022 Recap

Message from the President

Heather Sabetta, ASHE SNJ President

I can't believe it is already December, this year has flown by. We are so happy to be back in person and we missed seeing everyone during the last few years. I would like to thank North Central Section's Bob Nash and Tim Herlihy and Southern New Jersey Section's Remy Donahey for their amazing work with setting up Remo, practice sessions, and trouble shooting during all the virtual events. We would have been lost without them.

During Covid we had our [35th Anniversary](#) but waited until this past May to celebrate in person. I would like to thank Carrie Strehle and the rest of the past presidents' committee for their efforts on an amazing event at Renault Winery. We had a great mix of attendees including original charter members, past presidents, and current members. Special guests included ASHE National President – Tim Matthews and 2nd Vice President – Don DiZuzio. I look forward to the 40th Anniversary Celebration.

The Annual Scholarship Golf Outing was held on July 11 at Little Mill Country Club. We raised \$7K for our Scholarship Fund and ASHE SNJ matched that amount – thank you everyone! Our next Golf Outing is [July 10, 2023- SAVE THE DATE!](#)

We have had some wonderful technical and social events this fall and they are summarized in this newsletter recap. This recap also has flyers for the ASHE NJCJ and SNJ [Project of Year Application](#) and the [Student Scholarship Applications](#). Be sure to submit before the deadline and forward to those you think will make great candidates.

We have a great upcoming schedule as well, check out our <https://ashesnj.wildapricot.org/events> for upcoming events and don't forget to follow us on [LinkedIn](#). Right now, our meeting schedule is full for the 2022-2023 technical events, but we are starting to look toward the 2023-2024 year. If you have an interesting [project or an idea for a field trip](#), please reach out to me and we can get you on the list for next year.

Currently along with North Central New Jersey Chapter, we have [three active student chapters](#): Rowan, Mercer County Community College, and Rutgers. These student chapters meet regularly and are greatly appreciative of any guest speakers we can provide at their meetings. This is also a great way for you to network with potential candidates for entry-level positions and internships. If you have a topic you would like to present to the students at one of these meetings, please let Godfrey Joyner at gjoyner@kmapc.net know so we can add you to the schedule!

We have a few officers that are at the end of their term and looking for replacements to join our great team: Treasurer and Membership Chairs. If you are interested in helping but not making a huge commitment, we have lots of opportunity as committee board members or subcommittee members. We are always [looking for help](#) and would love for you to join our team.

I look forward to seeing everyone at our upcoming events!

Newsletter Highlights

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Route 495, Route 1&9 / Paterson Plank Road Bridge

Presenters:

John Schroettner, P.E. – Assistant Vice President/Project Manager, GPI

Jason Besz, PE – Project Manager, GPI

The Route 495, Route 1&9/Paterson Plank Road Bridge Rehabilitation Project provided for the complete rehabilitation of the mainline structure and two ramp structures and associated approach roadway improvements. The Route 495 bridge is located at the eastern terminus of the New Jersey Turnpike ramps from Interchanges 16E & 17, at the terminus of State Route 3 as it intersects U.S. Route 1&9, and approximately one mile west of the Lincoln Tunnel entrance. Route 495 passes through one of the most densely populated regions in the United States, is the only vehicular access corridor to midtown Manhattan and has an average daily traffic (ADT) of over 150,000 vehicles. It also serves over 1,800 buses daily which travel in the Port Authority of New York and New Jersey (PANYNJ) Exclusive Bus Lane (XBL) during the weekday morning peak periods from 6 to 10 AM. The XBL moves approximately 65,000 commuters into Manhattan each day of operation and is recognized as one of the most effective transit systems in the Nation. The mainline structure consists of nine spans that carry eight lanes of Route 495 traffic over US-1&9, Liberty Avenue, Paterson Plank Road, Conrail & NYS&W rail lines, and the New Jersey Transit North Bergen Park and Ride Lot.

The bridge was rated as structurally deficient and functionally obsolete, with the last major rehabilitation performed in 1985. The purpose of the project was to completely rehabilitate the bridge and approaches, extending the useful service life of the bridge for an estimated 25 years without significant maintenance required, with an estimated bridge deck service life of 75 years, and to eliminate the need for potential emergency repairs that could significantly disrupt commuter and local traffic.

The presentation will provide information on many of the complexities of completely rehabilitating a complex structure within one of the most densely populated areas of the country and within one of the most congested corridors in the state.



Technical Event - October 13, 2022

ASHE SNJ/NCNJ Joint Meeting Update on NJDOT & NJTA Capital Programs

Presenters:

Parth Oza, P.E., Assistant Commissioner, Capital Program Management, NJDOT

Lisa Navarro, P.E., Supervising Engineer, Highways, New Jersey Turnpike Authority

The presentation focused on a general overview of the current state of affairs as well as a glimpse of the future of the NJDOT & the NJTA Capital Programs.



Construction of 2019 NJDOT Restoration of Drainage Systems Statewide Contract

Presenters:

Paul Craddock, RE, FM- NJDOT Bureau of Operations Support and Engineering

James C. Henry, NIV, PMP – Project Manager, TechniQuest Corporation

This statewide contract provided for the restoration of drainage systems statewide, storage capacity and flow, traffic safety, permanent video documentation of pipes, identify damage and categorize for required repairs response, update storm water assets by naming for inventory and categorization of pipes and structures, with daily documentation, detailed as-builts and final reports to each Maintenance Region. TechniQuest Corporation is providing prime consultant construction inspection services for this contract, as well as the current Drainage Restoration Contract, Statewide 2020.



October 20, 2022
Fall 2022 Social Event at Double Nickel Brewing



December 7, 2022
ASHE SNJ 2022 Holiday Social & Toy Drive



Save the Date!

January 31, 2023

**Engineering Ethics
at Maggiano's in Cherry Hill**

February 17, 2023

POTY Deadline

February 22, 2023

**Route 206 Bypass Contract B
at Stone Terrace in Hamilton Township**

March 14, 2023

**Technical Presentation on Safety
at Maggiano's in Cherry Hill**

March 17, 2023

Scholarship Deadline

AMERICAN SOCIETY OF HIGHWAY ENGINEERS (ASHE) SCHOLARSHIP APPLICATION – COMMUNITY COLLEGE/2 YR DEGREE PROGRAMS

APPLICATION DEADLINE: March 17, 2023.

The Southern New Jersey Section of the American Society of Highway Engineers has established a Southern New Jersey Scholarship for individuals currently enrolled in a Community College or 2 Year Degree Program. Pertinent information and guidelines for eligibility are as follows:

1. The amount and number of scholarships will be partly based on the number of qualified applicants. The individual scholarship amounts will be at least \$500.
2. The Scholarship Committee will make this award by May 2023.
3. Eligible applicants must be enrolled in a civil engineering related degree program (for the 2022-2023 school year).
4. The student must reside (or attend a Community College) in one of the following ten (10) counties in New Jersey: Atlantic, Burlington, Cumberland, Camden, Cape May, Gloucester, Mercer, Monmouth, Ocean, or Salem.
5. Eligible students must be maintaining at least a 2.5 grade point average.
6. Need, as well as scholastics, will be considered for this award.
7. The scholarship will only be awarded to an individual one time; however, students who are not awarded the scholarship may re-apply each year they are eligible.
8. Only one scholarship from ASHE New Jersey (either Southern New Jersey or North/Central New Jersey) will be given per recipient.

Please see the link below for the full application:

<https://ashesnj.wildapricot.org/scholarships>

Please submit your application and reference by March 17, 2023 to:

ASHE Scholarship Committee Chair

Mr. Dylan Livingston

c/o McCormick Taylor

700 East Gate Dr, Suite 201, Mt. Laurel, NJ 08054

Phone: (856) 206-5328

Email: dalivingston@mccormicktaylor.com

AMERICAN SOCIETY OF HIGHWAY ENGINEERS (ASHE) SCHOLARSHIP APPLICATION – 4/5 YEAR DEGREE PROGRAM

APPLICATION DEADLINE: March 17, 2023.

The Southern New Jersey Section of the American Society of Highway Engineers has established the Southern New Jersey Scholarship. Following is pertinent information and guidelines for eligibility.

1. The amount and number of scholarships will be partly based on the number of qualified applicants. The individual scholarship amounts will be a maximum of \$5,000.
2. The Scholarship Committee will make this award by May 2023.
3. Eligible applicants must be Civil Engineering students successfully in their sophomore, junior or senior year of study (for the 2022-2023 school year).
4. The student must reside (or attend a College/University) in one of the following ten (10) counties in New Jersey: Atlantic, Burlington, Cumberland, Camden, Cape May, Gloucester, Mercer, Monmouth, Ocean, or Salem.
5. Eligible students must be maintaining at least a 2.5 grade point average.
6. Need, as well as scholastics, will be considered for this award.
7. The scholarship will only be awarded to an individual one time; however, students who are not awarded the scholarship may re-apply each year they are eligible.
8. Only one scholarship from ASHE New Jersey (either the South
9. Jersey or North/Central Jersey) will be given per recipient.

Please see the link below for the full application:

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AMERICAN SOCIETY OF HIGHWAY ENGINEERS (ASHE) NORTH CENTRAL & SOUTHERN NEW JERSEY SECTIONS 2023 PROJECT OF THE YEAR AWARD

The North Central and Southern New Jersey Sections of the American Society of Highway Engineers (ASHE) invite you to participate in its 2023 Award Program to honor consulting engineering firms, contractors, and transportation officials in their efforts to provide quality roadway facilities in New Jersey.

DEADLINE FOR 2022 ENTRIES: February 17, 2023

Awards will be presented during an ASHE Southern New Jersey and North Central New Jersey joint ceremony to be held in April 2022.

The North Central and Southern New Jersey Sections of the American Society of Highway Engineers (ASHE) invite you to participate in its 2023 Award Program to honor consulting engineering firms, contractors, and transportation officials in their efforts to provide quality roadway facilities in New Jersey.

TWO AWARD CATEGORIES!!! UNDER \$10 Million & OVER \$10 Million

This year there will be two (2) Project of the Year Awards. There will be one (1) for projects up to \$10M in total construction cost, and another one (1) for projects over \$10M in total construction cost. The selections will be based on the highest composite score of the following ranking criteria:

- 25% Complexity
- 25% New Application of Existing Technologies/Originality/Innovation 15% Social/Economic Considerations
- 15% Safety
- 10% Aesthetics and Sustainable Features
- 10% Meeting and Exceeding Owner's/Client's Needs

The winner will be determined based on the highest average score from all judges in each award category. In the event of a numerical tie, the projects with the tie score will be voted on by the judges in a "run-off" style election with each judge casting one vote for the winning project. The project that receives the highest vote total will be the winner.

To be eligible, the project must be a roadway-related construction project located within the State of New Jersey, where construction must have been substantially completed and open to the public in 2021 or 2022 (eligible as long as projected completion is by the end 2022). Non-winning prior year entries may be resubmitted.

Instructions and the application are available here: <https://ashesnj.wildapricot.org/POTY>

Please call Joe Macios at (609) 744-6670 (leave a message or email at joseph.macios@aecom.com), should you have any questions regarding entry materials.

Sponsors

Thank you to our current sponsors!

PLATINUM LEVEL



Gold Level



Silver Level

ACE Engineering and Construction Services, LLC (ACE)

Greenman-Pedersen, Inc. (GPI)

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