



ACEC New Jersey
AMERICAN COUNCIL OF ENGINEERING COMPANIES

54th Annual Engineering Excellence Awards Banquet

Wednesday, March 12, 2025

Forsgate Country Club
375 Forsgate Drive, Jamesburg, NJ

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Chairman’s Greeting



Welcome to the 54th annual Engineering Excellence Awards banquet, a celebration of the accomplishments of New Jersey’s engineering profession and its contribution to our economy, health, safety, and quality of life. Tonight’s banquet will honor the top projects of the past year and the teams of consultants, contractors and clients whose innovation, skill and expertise made them possible.

I am honored to serve as ACECNJ’s Chair and have been committed to an aggressive agenda focused on advocating for the business interests of member firms; membership growth to include firms engaged in every manner of engineering; and cultivation of the next generation of leaders of our profession.

We have pursued an aggressive advocacy agenda over the past year that includes enhances to business practice, procurement, and project delivery processes. ACECNJ continues to advocate for broad application of qualifications-based selection (QBS) for all professional services. We are actively negotiating enhanced business terms for our member firms. And we are providing thought leadership on ways to expedite project delivery and advance projects through to completion.

We continue to work diligently to enhance working partnerships with key clients in the public and private sectors. We are also constantly striving to create more meaningful opportunities for our members to participate in this incredible organization, particularly through our committees. I am proud of the work of committees focused on water & wastewater, vertical construction, public utilities, human resources and more, to provide thought leadership and act as conveners on important issues facing our profession and industry.

ACECNJ is also committed to cultivating the next generation of firm leaders. Our very successful Emerging Leaders Program, which has graduated three classes and will soon begin its fourth, is cultivating the next generation of leaders of our profession here in New Jersey.

The Engineering Excellence Awards banquet is our signature event of the year and a true celebration of our profession! Tonight’s project award presentations are the culmination of a rigorous process that began last Fall when consultant teams entered their best projects in the competition. Thirty-six projects were meticulously scored by an independent panel of judges with a diversity of experience and expertise in the design and construction fields. Projects were scored on a range of criteria including innovation and originality, social and economic considerations, complexity, future value to the engineering profession, and success in meeting client needs.

The work of our distinguished panel of judges and the structure and rigor of the EEA competition are the reasons this award is recognized as one of the pinnacle achievements in the engineering profession and why tonight’s banquet is known as The Academy Awards of the Engineering Industry!

ACECNJ will also present individual achievement awards this evening. Congratulations to New Jersey Department of Transportation Commissioner Francis K. O'Connor, recipient of this year's *Distinguished Service Award*. Commissioner O'Connor brings over four decades of public and private sector experience to his current role. He is not only an industry expert with deep technical expertise, but also a leader, motivator and effective communicator. His commitment to improving safety for all users of New Jersey's roadways is as noble as it is necessary and important.

Our *Lifetime Achievement Award Recipient* is Craig Johnson. Craig has served in numerous leadership positions throughout his tenure in ACECNJ. Craig was Chairman from 2021-203 and before that was chair of various agency facing committees, to most recently being the liaison to the young professionals committee. Craig also served as the ACECNJ representative to the ACEC National Research Institute. His committee to ACECNJ and the engineering profession has been invaluable.

Judy Bowen receives this year's *Member Recognition Award*. Judy has been an active member of the organization and was instrumental in the creation of the Women in Engineering Committee. She has also been an active supporter of numerous committees and most importantly offering her counseling and tutelage to members of the young professional committee.

Congratulations to the *Educator of the Year*, James Maccariella, who is a consulting engineer and professor at Mercer County College. James has over 30 years of experience as an engineer and has taught courses at Rowan University, Norwich University and TCNJ.

Our *Young Professional of the Year* is Federica Belfiore. Federica has been an extremely active participant in the Young Professionals Committee, most recently becoming chair of the committee. Federica has been instrumental in the development of multiple young professional events, including Can Sculpture, Climate Change Summit and Trivia Night.

Congratulations to the *Distinction in Industry Advancement Award Recipient*, The City of Hoboken. The City of Hoboken continues to demonstrate its leadership in developing innovative projects and approaches to resilience and sustainability. The staff within the City sets an example of effective community engagement, active listening, and proactive planning in identifying and advancing projects which leverage multiple programs and resources to both protect the community while enhancing the quality of life for its residents

Congratulations to our project and individual award winners tonight. Thank you to everyone who supports the mission of ACECNJ. The strength of our numbers and the energy and passion of our volunteers is evidence that our ability to protect the business interests of firms and ensure the health of the consulting engineering profession is stronger than ever. Thank you and enjoy this wonderful evening!

Arif R. Malick, PE

54th Annual Engineering Excellence Awards

March 12, 2025

EMCEE

Gary T. Etter, PE
Chair-Elect, ACECNJ

WELCOME

Arif Malick, PE
Chair, ACECNJ

SCHOLARSHIP PRESENTATIONS

AECOM

Arora and Associates, PC

Bernard Langan Scholarship for Engineering Excellence

George P. Kelley Memorial Scholarship

HNTB Corporation

Michael Baker International

Remington & Vernick Engineers

Ronald A. Wiss Memorial Scholarship

T&M Foundation Scholarship

WSP, USA

YOUNG PROFESSIONAL OF THE YEAR AWARD

Federica Belfiore, PE

Michael Baker International

EDUCATOR OF THE YEAR

James Maccariella Jr, PhD., PE

Mercer Country Community College

DISTINCTION IN INDUSTRY ADVANCEMENT AWARD

City of Hoboken

MEMBER RECOGNITION AWARD

Judy Bowen, PE, C.M.E.

Greenman-Pedersen, Inc.

LIFETIME ACHIEVEMENT AWARD

Craig Johnson, PE

Dewberry

DISTINGUISHED SERVICE AWARD

Commissioner Francis K. O'Connor

New Jersey Department of Transportation

ENGINEERING EXCELLENCE AWARDS PRESENTATION

Gary T. Etter, PE

Chair-Elect, ACECNJ

ACECNJ Executive Committee

2024 - 2025

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Timothy F. Hegarty, Esq.

Zetlin & DeChiara, LLP

Past Chair's of ACECNJ

(Including predecessor organizations)

New Jersey Association of Consulting Engineers

1958-59	Harry Terry	1963-64	David M. Greer
1959-61	John G. Reutter	1964-65	Lee T. Purcell, Sr.
1961-62	Donald R. Goodkind	1956-66	George H. Leland
1962-63	Frank W. Bohren		

Consulting Engineers of New Jersey, Inc.

1958-59	Joe Rosenthal	1965-66	David M. Greer
1959-60	William C. Baumann	1966-67	Lee T. Purcell, Sr.
1960-61	David Wiseman	1967-68	George H. Leland
1961-62	Clyde Fiske	1968-68	Harold Hamilton
1962-64	Abe Walton	1968-70	Louis Goldberg
1964-65	Harvey Winter		

New Jersey Consulting Engineers Council

1966-67	Peter Homack	1968-69	Joseph S. Ward
1967-68	Gerald E. Speitel	1969-70	J. David Welch

Consulting Engineers Council of New Jersey

1970-71	William H. Bruce, Jr.	1987-88	Gordon L. Kirjassoff
1971-73	Norman C. Possiel	1988-89	William H. Fleming, Jr.
1973-75	Gerald L. Baker	1989-90	H. Clay McEldowney
1975-76	Robert C. Moore	1990-91	John P. Talerico
1976-77	Edwin Robins	1991-92	Leo A. Santowasso
1977-78	Robert C. Bogart	1992-93	Richard E. Ragold
1978-79	Alexander M. Churchill	1993-94	L. Gerald Adelsohn
1979-80	James A. Strosnider	1994-95	Ronald A. Wiss
1980-81	John S. Urban	1995-96	Robert C. Kirkpatrick
1981-82	George Kirgis	1996-97	Stephen T. Boswell
1982-83	Ralph F. Visco	1997-98	Dominic B. Carrino
1983-84	Thomas W. Birdsall	1998-99	William S. Howard
1984-85	Clifford W. Johnson	1999-00	Donald Goldberg
1985-86	Minard H. Whitnall	2000-01	C. Douglas Cherry
1986-87	Paul B. Ostergaard	2001-02	Kevin Page
2002-03	Glenn Gerken		

American Council of Engineering Companies of New Jersey

2003-04	Philip A. Falcone	2011-13	Lissette Miquel
2004-05	Rodney P. Pello	2013-15	Sanjay Naik
2005-06	John G. Finn	2015-17	George H. Leland
2006-07	Thomas Howell	2017-19	Michael Brescia, PE
2007-09	Richard G. Arango	2019-21	Glen Kartalis, PE
2009-11	Michael J. Neglia	2021-23	Craig Johnson, PE



YOUNG PROFESSIONAL OF THE YEAR AWARD

Federica Belfiore

MICHAEL BAKER INTERNATIONAL

Mrs. Belfiore is a Senior Structural Engineer with Michael Baker International. She has a wide range of experience in the design and analysis of highway bridges, retaining walls, noise walls, and sign structures. She is also well-versed in the design of reinforced concrete and steel structures. Additionally, Mrs. Belfiore has extensive experience with various bridge repair contracts for both the NJ Turnpike and Garden State Parkway. As part of the Michael Baker Early Career Professional (ECP) Collaboration Committee, she has overseen all New Jersey events, new employee and internship programs. She has been part of the ACEC Young Professional Committee for the past 6 years in various roles and most recently as ACEC NJ YP Committee Chair. She has volunteered for various activities including the New Jersey Future City Competition, Michael Baker Mentorship Program, ACEC Can Structure and Million Dollar Bike Ride. When she's not working, she's home taking care of her 1 year old daughter Lu and her 5 year old pup Mac and cooking up a storm with her Italian cooking skills.



EDUCATOR OF THE YEAR AWARD

James Maccariella

MERCER COUNTY COLLEGE

Jim Maccariella is a consulting engineer and professor at Mercer County College. He has taught engineering courses at Rowan University, Norwich University, and The College of New Jersey. He has 30 years experience as a consulting engineer, having served as a design engineer, project manager, and department head, and is a licensed professional engineer in multiple states. He is currently a principal investigator for a National Science Foundation grant, and has presented at 40 regional and national conferences. He has arbitrated 35 cases including: construction claims, cost arbitrations, major structural defects, and compliance arbitrations. His education includes a B.S. in Architectural Engineering (Drexel University), B.S. in Civil Engineering (Drexel University), M.S. in Civil Engineering (Drexel University) and a Ph.D. in Higher Education (Old Dominion University).



DISTINCTION IN INDUSTRY ADVANCEMENT AWARD

City of Hoboken

CITY OF HOBOKEN

The Engineering Division of the City of Hoboken is responsible for the design and construction of major capital improvements to Hoboken's streets, as well as managing private construction within the public right-of-way. Working in close coordination with the Hoboken Police Department, the division ensures the safe and efficient flow of traffic during construction activities while advancing infrastructure projects that enhance both mobility and resilience.

As part of the Department of Climate Action & Innovation, the Engineering Division plays a crucial role in implementing forward-thinking projects that address the challenges of climate change while improving quality of life. The division has led major initiatives such as ResilienCity Park, a 5-acre resiliency park that mitigates rainfall flooding, provides stormwater detention, and community green space; the Vision Zero initiative, which prioritizes safety through safer street designs; and the citywide water main replacement program, which modernizes critical infrastructure to reduce water main breaks and enhance reliability, among others. Through effective community engagement, proactive planning, and leveraging multiple funding sources, the Engineering Division continues to set a standard for sustainable urban development and resilient infrastructure.



MEMBER RECOGNITION AWARD

Judy Bown

GREENMAN-PEDERSEN, INC

Judith Bowen, P.E., C.M.E., is a Senior Vice President and Director of the Civil/Highway Department for GPI’s New Jersey Branch,

where she leads a team of over 30 professionals in providing engineering services for highway design, environmental permitting, water resources design, dam safety, utility coordination, and safety improvements. With 40 years of experience, Judy has managed numerous interchange improvement and bridge replacement projects across New Jersey.

Her experience includes leading project teams for clients such as the New Jersey Turnpike Authority, New Jersey Department of Transportation, Delaware River Joint Toll Bridge Commission, and various counties and municipalities in the state. Additionally, she is an active member of professional organizations like WTS, ASHE, and ASCE, where she serves as a Director-at-Large for WTS-NJ, as an liaison to the recent formed Advisory Council. Judy was formerly Chair of ACEC’s Women in Engineering Committee. She has also been recognized for her contributions, recently being named Civil Engineer of the Year by the ASCE New Jersey Section – North Jersey Branch.

Judy holds a BSCE from Lafayette College, where she excelled in both academics and athletics, playing varsity field hockey and lacrosse. A registered professional engineer in multiple states, including New Jersey, Connecticut, Florida, and North Carolina, she is also a Certified Municipal Engineer.



LIFETIME ACHIEVEMENT AWARD

Craig Johnson, PE

DEWBERRY

Craig Johnson is an Executive Vice President with Dewberry Engineers Inc., where he serves as Operations Officer for the firm's Northeast division, which includes nearly 500 professionals in multiple offices. He joined the firm in 1981 and has spent his career with Dewberry, building a reputation as a leading authority on highway engineering.

An active member of professional organizations, Johnson has served for 12 years on the American Council of Engineering Companies of New Jersey (ACEC NJ) Executive Committee, holding various roles including Committee Chair. Additionally, he has served the American Society of Highway Engineers (ASHE) North Central New Jersey Chapter, holding various roles including Chapter President. His support for his community includes three four-year terms on the Berkeley Heights Township Planning Board.

Johnson holds a bachelor's degree in civil engineering from Lafayette College and is a licensed professional engineer in nine states.



DISTINGUISHED SERVICE AWARD

Fran O'Connor

COMMISSIONER NEW JERSEY DEPARTMENT OF TRANSPORTATION

Francis (Fran) K. O'Connor was confirmed as the 20th Commissioner of the New Jersey Department of Transportation by the New Jersey State Senate on June 28, 2024. He was nominated for the Cabinet position by Governor Phil Murphy in January 2024 and began serving as Acting Commissioner on February 12, 2024.

A proud native of Jersey City, New Jersey, O'Connor is honored to serve his home state and brings with him more than 40 years of senior-level experience in both the public and private sectors. His industry expertise spans executive leadership, operations, planning, customer service, and oversight of complex, multi-million-dollar projects for public sector clients across the country.

Commissioner O'Connor started his transportation career working as a toll collector for five years at the New Jersey Turnpike Authority (NJTA). He credits this hands-on customer service experience with helping shape his people-first approach to leadership. O'Connor advanced to become Deputy Director of the NJTA's Electronic Toll Collection Program, launching the Authority's first electronic toll collection system, better known as E-ZPass.

Following his 16 years at the NJTA, O'Connor pivoted to the private sector, advising transportation agencies across the country on the development and execution of critical projects with a strategic focus on toll roads. He served as Vice President and Director of National Tolls at AtkinsRéalis (formerly Atkins), a publicly traded engineering and design company. In this role, he spearheaded projects with the Florida Turnpike Enterprise (FTE), the Texas Department of Transportation (TxDOT), and the North Carolina Turnpike Authority (NCTA) with a focus on all-

electronic tolling operations and interoperability.

O'Connor also served as Vice President of Operations at Electronic Transaction Consultants Corporation, and Vice President of Electronic Payment Systems at ACS State & Local Solutions. His broad range of senior roles in the public sector prepared him for engaging with regulator entities at all levels of government, and building cooperative relationships with local governments, regional stakeholders, and partner agencies.

As NJDOT Commissioner, O'Connor is committed to improving safety for every type of roadway user in New Jersey and helping reverse the trend of rising roadway fatalities. He is spearheading a public-facing awareness program to engage motorists, pedestrians, cyclists, and other roadway users, aimed at shifting mindsets around safety and making responsible roadway behavior a way of life.

O'Connor is a member of the Board of Directors of the American Association of State Highway and Transportation Officials (AASHTO), the Northeast Association of State Transportation Officials (NASTO) and The Eastern Transportation Coalition (TETC) and an Honorary Member of the International Bridge, Tunnel and Turnpike Association (IBTTA).

As NJDOT Commissioner, he serves as Chair of NJ TRANSIT, the New Jersey Turnpike Authority, the South Jersey Transportation Authority, and the New Jersey Transportation Trust Fund Authority; and Vice Chair of the New Jersey Motor Vehicle Commission. Commissioner O'Connor holds a Bachelor of Science Degree in Accounting, graduating summa cum laude from St. Peter's University.

The Member Recognition Award

Previous Recipients

1985 Gerald E. Speitel, P.E. • 1986 Russell D. Shallieu • 1987 Joseph S. Ward, P.E.
1988 Robert C. Moore, P.E. • 1989 Minard H. “Bud” Whitnall, P.E.
1990 Frederick K. Mosher • 1991 Clifford W. Johnson, P.E.
1992 Frank H. Lehr, P.E. • 1993 Donald Goldberg, P.E.
1994 Stephen T. Boswell, P.E. • 1995 Paul B. Ostergaard, P.E.
1996 Ronald A. Wiss, P.E. • 1997 John S. Urban, P.E.
1998 Michael S. Della Rocca, P.E. • 1999 Robert C. Kirkpatrick, P.E.
2000 William S. Howard, P.E., P.P. • 2001 Rodney P. Pello, P.E.
2002 C. Douglass Cherry, P.E., P.L.S., P.P. • 2003 James D. Kelly, Esq., P.E.
2004 John E. Cassetta • 2005 Lissette Miquel, P.E. • 2006 Samir Mody, P.E.
2007 Patrice Malleus, P.E. • 2008 Thomas Howell, P.E.
2009 Bernard P. McNeilly, PE • 2010 Sanjay Naik, P.E.
2012 Michael J. Neglia, P.E., P.P., P.L.S. • 2013 Ileana S. Ivanciu, PhD, PG
2014 W. Dennis Keck, P.E., P.P. • 2015 Michael Wright, PE, PMP, PP
2016 H. Ali Vaezi, PE • 2017 Glen Kartalis, PE
2018 Anand Paluri, PE • 2019 Hina Patel, P.E. • 2020 William McGarrigel, PE
2021 James Henry, NIV, PMP • 2022 Richard Martino, PE, Modjeski & Masters
2023 Michael Brescia, PE • 2024 Jon Livingston, Jacobs

The Distinguished Service Award

Previous Recipients

1985 William Simon • 1993 Hon. Nicholas R. Felice
1994 Hon. Garabed “Chuck” Haytaian • 1995 Kenneth A. Afferton, P.E.
1996 Henry M. Rowan • 1997 Hon. Donald T. DiFrancesco
1997 Hon. Paul Digaetano • 1998 Hon. Alex DeCroce
1999 Hon. J. William Van Dyke • 2000 Hon. John G. Kuna
2001 Hon. Frank J. Lombardi, P.E. • 2002 Hon. John F. Lettiere, Jr.
2003 George R. Zoffinger • 2004 Colonel John B. O’Dowd
2005 Assemblyman John S. Wisniewski
2006 Richard Raczynski • 2007 Christopher Christie, Esq.
2008 Anthony R. Coscia • 2009 George D. Warrington • 2010 Irene Kropp
2012 Richard T. Hammer • 2013 James Weinstein
2014 Jane Kozinski • 2015 Veronique “Ronnie” Hakim • 2016 Steven Santoro
2017 Robert Fischer, PE • 2018 Dana Hecht • 2019 John Keller, PE
2020 Rizwan Baig, PE, PTP, PTOE • 2021 Commissioner Diane Gutierrez-Scaccetti
2022 Joseph M. Ettore, PE, Monmouth County • 2023 Michael Venuto, PE
2024 Kris Kolluri

The Educator-of-The-Year Award

Previous Recipients

1995 Dr. Saul K. Fenster • 1996 Harold J. Raveche • 1997 David P. Billington
1998 Dr. William R. Spillers, P.E. • 1999 Professor Harold Deutschman
2000 Dr. John Grieco • 2001 Professor Robert Dresnack, P.E.
2002 Leslie Rose Brunell, Ph.D., P.E. • 2003 Henery P. Dobbelaar, Jr., P.E., P.P.
2005 Dr. Hani H. Nassif • 2007 Dr. Nabil Al-Omishi, P.E., M.A SCE
2008 Bryan J. Pfister, Ph.D • 2009 David A. Vaccari, Ph.D., P.E., DEE
2015 Steven Schreiner, Ph.D., P.E. • 2017 Dr. Joel Bloom
2018 Chancellor Deba Dutta • 2019 Stephen J. Krone, D.Sc., P.E, M.ASCE
2020 Ali Maher, Ph.D., MASCE • 2021 Nenad Gucunski, PhD
2022 Taha F. Marhaba, Ph.D., P.E., FASCE, New Jersey Institute Of Technology
2023 Fadi Karaa, Ph.D., MBA, New Jersey Institute Of Technology
2024 Peter J. Jin, Ph.D., Rutgers University

The Journalist-of-The-Year Award

Previous Recipients

1993 Gordon Bishop, The Star-Ledger • 1995 Robert J. Braun, The Star-Ledger
1996 Howard B. Stussman, ENR • 1997 Alfred R. Pagan, P.E.
1998 John McLaughlin, The Star-Ledger • 1999 Paul L. Wyckoff, The Star-Ledger
2000 Jeffrey Page, The Record • 2001 Joe Adelizzi, Asbury Park Press
2004 Charles Pinyan, Media Recognition Award • 2005 Debra Rubin, ENR • 2015 Steve Kroft, 60 Minutes

Distinction in Journalism and Media Award

Previous Recipients

2017 FORWARD NJ

Young Professional of the Year Award

Previous Recipients

2017 Joseph Amorosa • 2018 Lauren Ohotzke, PE • 2019 Matthew Alboum, PE
2020 Megan O'Connell • 2021 Sarah Steib, PE
2022 Megan Young, PE, Hardesty & Hanover • 2023 Tara Bencivenga, WSP, USA
2024 Sergio Carvajal Sanchez, Greenman-Pedersen, Inc.

Affiliate Member of the Year

Previous Recipients

2018 UTCA NJ • 2019 WithumSmith+Brown, PC
2020 William H. Connolly & Co., LLC • 2021 Connell Foley, LLP
2022 Grassi Advisors & Accountants • 2024 Zetlin & De Chiara, LLP

Distinction in Industry Advancement Award

Previous Recipients

2019 Rutgers CAIT • 2022 Joseph L. Fiordaliso, New Jersey Board Of Public Utilities
2023 The Gateway Program / Gateway Development Commission

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We apologize for any omissions due to printing deadline.

ACECNJ Scholarship Sponsors

Each year, ACECNJ awards scholarships to undergraduate and graduate engineering students in New Jersey to promote the consulting engineering profession. With the generous support of consulting engineers, this fund has the potential to fulfill ACECNJ's goal of nurturing future engineers. A sincere thank you to the following firms for their support of this year's scholarship program:

NAMED SCHOLARSHIPS PRESENTED BY ACECNJ

AECOM

Arora and Associates, PC Scholarship
George P. Kelley Memorial Scholarship
HNTB Corporation Scholarship
Michael Baker International Scholarship
Remington & Vernick Engineers Scholarship
T&M Foundation Scholarship
WSP, USA Scholarship

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Boswell
Dewberry

ACECNJ Scholarship Winners

ACECNJ awards scholarships to students intending to become consulting engineers. Eligible applicants must be enrolled at one of New Jersey's engineering schools: Princeton University, The College of New Jersey, Rutgers University, Rowan University, Stevens Institute of Technology or New Jersey Institute of Technology. The applicant's degree would have to be taken in one of the following fields of engineering/surveying which make up the primary practices of ACECNJ member firms: Mechanical Engineering; Electrical Engineering; Structural Engineering; Civil Engineering; Environmental Engineering; Chemical Engineering; Engineering Technology; or, Surveying.

ACECNJ is pleased to present the George P. Kelley Memorial Scholarship to
Enzo Suarez
New Jersey Institute of Technology

2025 T&M Associates Foundation Scholarship presented by ACECNJ to
Jason Lin
New Jersey Institute of Technology

2025 HNTB Corporation Scholarship presented by ACECNJ to
Arwa Ouali
New Jersey Institute of Technology

2025 AECOM Scholarship presented by ACECNJ to
Jad Marhaba
New Jersey Institute of Technology

2025 Arora and Associates, PC Scholarship presented by ACECNJ to
Krish Poudel
New Jersey Institute of Technology

2025 Michael Baker International Scholarship presented by ACECNJ to
Imarah Abdur Rasheed
New Jersey Institute of Technology

2025 Remington & Vernick Engineers Scholarship presented by ACECNJ to
Anna Wills
Rowan University

2025 WSP, USA Scholarship presented by ACECNJ to
Adam Wiuff
New Jersey Institute of Technology

We apologize for any omissions due to printing deadline.



RONALD A. WISS MEMORIAL SCHOLARSHIP

**2025 RECIPIENT: CASSANDRA NEWTON
NEW JERSEY INSTITUTE OF TECHNOLOGY**

Ron’s engineering career began when he joined Edwards and Kelcey, Inc. after graduating from the former Newark College of Engineering (now New Jersey Institute of Technology) in 1966. He joined the firm as a staff engineer and rose to become its CEO and Chairman. The engineering firm, which served transportation and telecommunications clients around the world, was acquired by Jacobs Engineering Group Inc. in 2007.

For three decades, Ron was deeply dedicated to advancing New Jersey’s most innovative transit and transportation projects. Among his many visible accomplishments are the NJ TRANSIT’s Newark-Elizabeth Rail Link, the Bergen County Transit Plan and NJ TRANSIT’s Frank R. Lautenberg Rail Station at Secaucus Junction.

Ron was an enthusiastic supporter of many organizations and professional associations. He served as president of the Consulting Engineers Council of N.J. from 1994 to 1995, receiving its prestigious Member Recognition Award in 1996. Ron had also served as chairman of the Meadowlands Chamber of Commerce and as director of the N.J. State Chamber of Commerce and was a member of the Advisory Committee of the Department of Civil and Environmental Engineering, New Jersey Institute of Technology. In 1996, he was named “Civil Engineer of the Year” by N.J. American Society of Civil Engineers (ASCE).

Ron Wiss was a visionary with a pioneering spirit, a consummate professional and business leader. In his personal life, he was a devoted husband to Isobel, his wife of 34 years, and a loving father to their two daughters, Audrey and Jeanine. His energy, enthusiasm, and deep commitment to fostering future generations of engineers will continue through the scholarship fund established in his name.



BERNARD LANGAN SCHOLARSHIP FOR ENGINEERING EXCELLENCE

**2025 RECIPIENT: WILLIAM ANSKIS
ROWAN UNIVERSITY**

Bernie started his career in 1965 when he joined the firm of Woodward Clyde Associates as a geotechnical engineer. He previously had completed his academic education at the University of Detroit and Purdue University where he received BSCE and MSCE degrees specializing in geotechnical engineering. While with Woodward Clyde, he worked on projects throughout the United States and became an Associate in the firm in the Clifton office. In 1969 he left Woodward Clyde to form Langan Engineering Associates, Inc. Under his leadership, the Langan firm grew from a small geotechnical group of several people to the present day multi-discipline firm with over 1,300 people in 36 offices located throughout the United States and abroad. In December 2004, he retired from the firm with plans to start a geotechnical specialty company. Throughout his career, Bernie has mentored many young engineers and has consistently emphasized the value of a good technical education. His philosophy is that all engineering work produced by the firm must exhibit a high degree of technical excellence in combination with the type of practical experience that can only be gained by getting your hands and boots dirty and being involved in the construction process. This scholarship has been created as a tribute to Bernie and to assist young people toward obtaining the foundation of their career – a strong technical education.

2025 Engineering Excellence Awards Committee

Executive Committee Liaison

Scott Burrowes
HNTB Corporation

Chair

Frank Seney
Remington & Vernick Engineers

Vice Chair

Sara Irick
French & Parrello Associates

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Tony DeJohn
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Daniel Horner
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Michael Camerlengo
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Falecia Rowe
Naik Group

John Yakimik
Boswell Engineering

David Samuel
CME Associates

Joann Papageorgis
Dewberry

2025 Engineering Excellence Awards Judges

Assemblyman Rob Clifton

Rizwan Baig

Port Authority of New York and New Jersey

Zoe Baldwin

RPA

Daniel Corrigan

Chief Engineer, South Jersey Transportation Authority

John Gray

Nenad Gucunski

Professor and Chair, Civil and Environmental Engineering,
Rutgers University

Dana Hecht

Daniel Hesslein

Chief Engineer, New Jersey Turnpike Authority

George Lobman

Utility and Transportation Contractors Association of New Jersey

Matt Loper

County Engineer, County of Somerset

Parth Oza

New Jersey Department of Transportation

Michael P. Venuto

Delaware River Port Authority

54th Annual EEA Award Winners

The 2025 program honors the works of nearly 40 New Jersey consulting engineering firms, whose efforts demonstrated both superior skill and the highest degree of creativity. They exhibit true excellence in our profession and each of the projects being honored has had a significant impact on the public.

GRAND HONOR – LARGE PROJECT THE NOMINEES

Dewberry

Project: Route 295 / Route 42,
Missing Moves, Bellmawr
Client: NJDOT
Contractor: South State, Inc

Stantec Consulting Services

Project: Rt. 3, Rt. 46, Valley Rd.
& Notch Rd. Int. Contract B
Client: NJDOT
Contractor: Union Paving & Construction Co.

GRAND HONOR – MEDIUM PROJECT THE NOMINEES

IH Engineers, P.C.

Project: River Road Bridge over
Rt 287 Superstructure Replacement
Client: NJDOT
Contractor: Ritacco Construction, Inc.

WSP, USA

Project: Washington Road (CR 571) Bridge over D&R
Canal, High Priority Bridge Replacement
Client: NJDOT
Contractor: Mount Construction

GRAND HONOR – SMALL PROJECT THE NOMINEES

Remington & Vernick Engineers

Project: 27th Street (CR 609)
Roadway Reconstruction
Client: County of Camden, NJ
Contractor: Lexa Concrete, LLC

Traffic Planning and Design, Inc.

Project: Rehab of Bridge 140.4 over Assunpink Creek
Client: Mercer County
Contractor: Sparwick Contracting, Inc.

GRAND HONOR – NON-TRANSPORTATION PROJECT THE NOMINEES

Loring Consulting Engineers, Inc.

Project: New Jersey Executive Statehouse
Renovation and Restoration
Client: New Jersey Department of the Treasury
Contractor: Turner Construction Company

NV5, Inc.

Project: NJDOT Bordentown Training Center
Client: NJDOT
Contractor: Ernest Bock & Sons Inc.

HONOR AWARDS – LARGE PROJECT

Jacobs Engineering Group Inc.

Project: GSP Superstructure Replacement 106.3-106.5

Client: NJTA

Contractor: Earle Ashpalt Company Inc.

Urban Engineers, Inc.

Project: Elizabeth Station Reconstruction

Client: NJ TRANSIT

Contractor: Anselmi & DeCicco, Inc.

HONOR AWARDS – MEDIUM PROJECT

Michael Baker International

Project: Weldon Road over Route 15 Emergency Bridge Replacement

Client: NJDOT

TYLin International

Project: Rt. 57, Lopatcong Creek, Culvert Replacement

Client: NJDOT

Contractor: Ritacco Construction, Inc.

HONOR AWARDS – NON-TRANSPORTATION PROJECT

CME Associates

Project: Improvements to Dr. Bishop Willard K. Andrews Park

Client: Borough of Carteret

Contractor: The LandTek Group, Inc.

KS Engineers, P.C.

Project: Green Infrastructures in 650 Areas of Brooklyn

Client: New York City Department of Design and Construction

Contractor: Triumph Construction Corp.

SJH Engineering, PC

Project: Hunts Point Bryant Avenue Pedestrian Bridge

Client: New York State Department of Transportation

Contractor: Skanska / ECCOIII / El Sol / DeFoe JV

DISTINGUISHED AWARDS

AECOM

Project: Garden State Parkway Service Area Ramp Widening
Client: NJTA
Contractor: D'Annunzio & Sons, Inc.

Boswell, Inc.

Project: Thomas O'Beirne Field Improvements
Client: Borough of Roseland, Essex County
Contractor: Applied Landscape Technologies, Inc.

Boswell, Inc.

Project: Wilmore Park Playground Improvements
Client: Township of Little Falls
Contractor: ADP Group, Inc.

Dewberry

Project: Connecticut DOT Carbon Reduction Strategy
Client: Connecticut Department of Transportation

EnTech Engineering of New Jersey

Project: Park Avenue Green Infrastructure Installations REI
Client: NHSA - North Hudson Sewerage Authority
Contractor: Colonelli Brothers Inc.

French & Parrello Associates

Project: Cottrell Farm Park
Client: Township of Old Bridge
Contractor: Precise Contracting, LLC

Gannett Fleming

Project: Garden State Parkway Shoulder Widening - Milepost 30 to 35
Client: NJTA
Contractor: Midlantic Construction, LLC

Greenman-Pedersen, Inc.

Project: Route 15 & Berkshire Valley Road Improvements
Client: NJDOT
Contractor: Union Paving & Construction Co.

H&H

Project: Gordon Street Bridge Replacement
Client: Union County
Contractor: Railroad Construction

H2M architects + engineers

Project: Passaic Valley Water Commission - Asset Management Planning
Client: Passaic Valley Water Commission

HDR, Inc.

Project: The New Valley Hospital
Client: Valley Health
Contractor: Torcon

KS Engineers, P.C.

Project: Coney Island Retaining Wall and St. Marks Bridge Replacement
Client: Metropolitan Transportation Authority, Construction and Development
Contractor: Railroad Construction

LAN Associates and CP Engineers, Architecture & Environmental Services

Project: New Sanitary Sewer at Island Beach State Park
Client: NJDEP
Contractor: George Harms Construction Company, Inc.

Langan

Project: Arsenal Trade Center
Client: Trammell Crow Company / Parlin Section 1 Urban Renewal, LLC
Contractor: RC Andersen

Langan

Project: Perth Amboy High School
Client: New Jersey Schools Development Authority
Contractor: Terminal Construction Corporation

Michael Baker International

Project: ACY Deicing Pad
Client: SJTA

Michael Baker International

Project: Smart Moves 2020 North
Client: NJDOT
Contractor: Daidone Electric, Inc.

Mott MacDonald, LLC

Project: Pedestrian and Resilience Upgrades at TD Ballpark
Client: Somerset County Department of Public Works
Contractor: CMS Construction, Inc.

T&M Associates

Project: New Ship Bottom Municipal Building Project
Client: Ship Bottom Borough
Contractor: J.H. Williams

T&M Associates

Project: Anchors Tiki Bar & Up Smith's Creek Community Complex Project
Client: Township of Woodbridge
Contractor: McCauley Construction of Long Branch

THE NOMINEES

Grand Honor – Large Projects

Dewberry

Route 295/Route 42, Missing Moves, Bellmawr

NJDOT’s evaluation of the Route 295/Route 42/I-76 Interchange identified operational deficiencies, including the lack of connection between Route 295 and Route 42. As a result, motorists utilized local roads for these movements.

The \$180M project linked ramps, widened and rehabilitated twin bridges, replaced Creek Road Bridge, resurfaced two bridges, and constructed five new bridges, 15 retaining walls, 12 sign support structures, and noise barriers. Traffic flow improved with a new signalized intersection and an intersection reconfiguration of three local roads.

The project alleviated traffic congestion, enhanced traffic flow, improved motorists’ safety, and reduced emissions and travel costs.



Stantec Consulting Services

Rt. 3, Rt. 46, Valley Rd. & Notch Rd. Int. Contract B

A critical part of New Jersey’s transportation network, the Route 3, Route 46, Valley Road, and Notch/Rifle Camp Road Interchanges faced operational and safety problems compounded by traffic volumes that far exceeded capacity. The resulting congestion, chronic bottlenecks, and high accident rates made this a priority project for the region.

Stantec partnered with the NJDOT to innovate, develop, and design implementable solutions to increase safety, ease navigation, and connect communities along the 2.5-mile project, transforming the corridor into a modernized transportation system with dramatically improved efficiency, safety, and connectivity – improving quality of life for all commuters and the surrounding communities.



Honor Award – Large Projects

Jacobs Engineering Group Inc.

GSP Superstructure Replacement 106.3-106.5

The bridge superstructure replacement from MP 106.3-106.5 consisting of replacing the GSP bridge superstructures at MP 106.3I, 106.4A, 106.4I, 106.4NO, 106.5NO, and 106.4SO in Monmouth County and was seen as an extensive and complex project for the work in a short time period with impacts to motoring patrons and extensive MPT measures needed to construct various stages and numerous detours. Many ramps could be staged with minor detours except one, Str. 106.3I the SB Entrance (SBE) from Rt. 36 to the SB Express Lane, which is a major interchange during summer seasons with immediate access to the NJ shore communities.



Urban Engineers, Inc.

Elizabeth Station Reconstruction

NJ Transit recently completed the renovation of the historic Elizabeth Station. Design elements included new station buildings, passenger tunnel renovations with new artwork, modernized retail areas, expanded high-level platforms, climate-controlled platform shelters, ADA-accessible elevators decorated in art glass, new stairways, platform canopies, decorative ornamental fencing, upgraded communications and security systems, and improved passenger information display systems. The design allowed for the maintenance of ongoing railroad and station operations and continued ADA accessibility during construction. The completion of this project will enhance commuters' traveling experience while stimulating the City's revitalization plans and spur economic development in this walkable Transit Village.



THE NOMINEES

Grand Honor – Medium Projects

IH Engineers, P.C.

River Road (Cr 622) Bridge Over Route 287 Superstructure Replacement Piscataway, New Jersey

IH Engineers, P.C. served as the prime consultant for the River Road Bridge over Route 287 Superstructure Replacement project, initiated due to deck deterioration and insufficient vertical clearance. The bridge spans 239 feet and is 72.5 feet wide supporting two traffic lanes and a six-foot sidewalk in each direction. Multi-steel girders and a composite deck system ensure structural integrity, enhanced by metalization and galvanization for steel elements. The project emphasized ADA compliance and staged construction to minimize traffic disruption. Open to traffic in June 2024, the project was budgeted at \$15.4 million, with actual costs totaling \$15.1 million.



WSP, USA

Washington Road (CR 571) over D&R Canal, High Priority Bridge Replacement

The Washington Road Bridge was successfully replaced through innovative engineering, Accelerated Bridge Construction techniques, and extensive collaboration between WSP, NJDOT, and stakeholders. The design was completed and the bridge was replaced all within a year. The accelerated schedule was upheld and future maintenance costs were minimized through the use of high performance precast elements such as the prestressed NEXT beams combined with UHPC closure pours, semi-integral abutments, and stainless steel reinforcement in the beams. The new, widened structure improves the safety and accessibility of the corridor, maintaining two travel lanes for vehicular traffic and multi-use paths for pedestrians and bicyclists.



Honor Award – Medium Projects

Michael Baker International

Weldon Road over Route 15 Emergency Bridge Replacement

Located in Jefferson Township, Morris County, New Jersey, the original Weldon Road bridge was built in 1972 and recently, multiple girders had collision damage. The structure was classified as “Functionally Obsolete” and NJDOT moved forward with an emergency replacement of the structure.

Michael Baker International provided emergency design, construction support and utility relocation during the replacement of the Weldon Road Bridge over Route 15. The project involved designing the staged replacement of the original bridge with a two-span, continuous bridge of the same length. It also involved replacing the deck/superstructure and rehabilitation of the substructure and associated approach roadway work.



TYLin International

Rt. 57, Lopatcong Creek, Culvert Replacement

TYLin was the prime consultant for the Rt. 57, Lopatcong Creek, Culvert Replacement project. Engineering in a constrained environment was the theme of this project. TYLin delivered a design which avoided ROW involvement, allowed maintenance of traffic, resulted in no negative hydraulic impacts, and which could be constructed in one construction season. Traffic was maintained using two-way alternating traffic controlled by temporary traffic signals which were in place for 7 months. The new precast concrete culvert was constructed in two stages. The new culvert and roadway provide the public with a safer corridor, enabling the economic development of the area.



THE NOMINEES

Grand Honor Award – Small Projects

Remington & Vernick Engineers

**27th Street (CR 609)
Roadway Reconstruction**

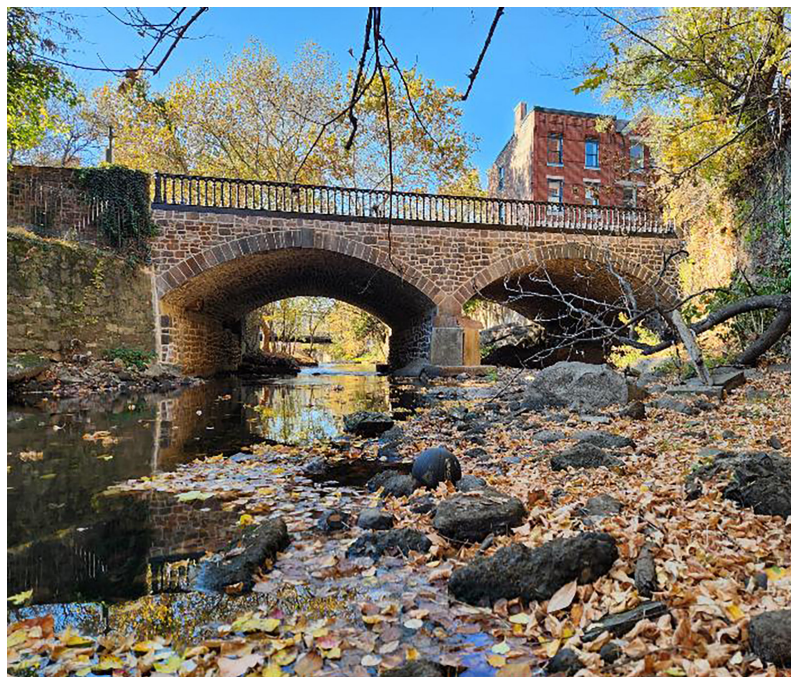
Remington & Vernick Engineers (RVE) provided construction management and inspection services for the reconstruction of the roadway along 27th Street from Marlton Pike to Federal Street in Camden City, NJ. 27th Street is a key throughfare in the City, and the construction processes of this high-profile project required coordination with local residents and multiple stakeholders. The project was completed on schedule and under budget. In addition to providing much-needed infrastructure improvements, the project holds a significance to the City, as it was dedicated to Mike Rozier, a former NFL player and Heisman Trophy winner, who grew up in the area.



Traffic Planning and Design, Inc.

Rehab of Bridge 140.4 over Assunpink Creek

The rehabilitation of the Montgomery Street Bridge, which carries Montgomery Street over the Assunpink Creek in the historic Mill Hill District of Trenton, is a prime example of what can be accomplished to preserve a critical historical component of a community by engaging the stakeholders in the development of the design and addressing their concerns to obtain their approval. The agile yet attentive team approach to this complex project, as well as the resulting preservation of a key historic structure, is truly worthy of recognition.



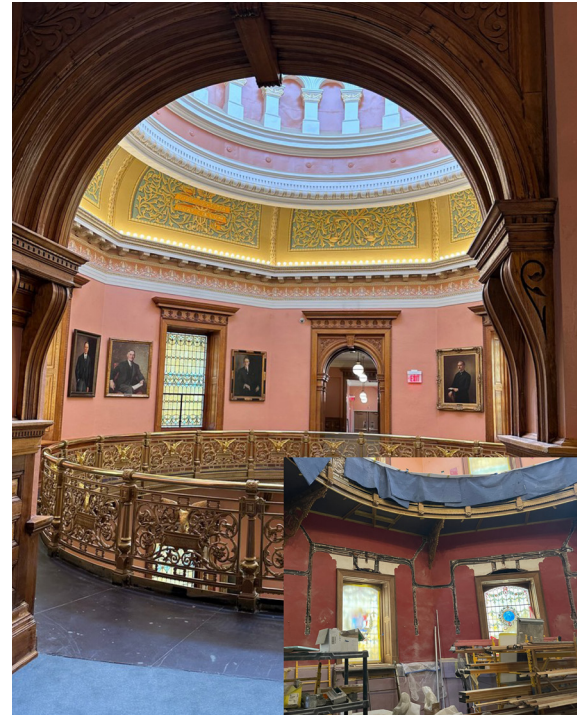
THE NOMINEES

Grand Honor Award – Non-Transportation Project

Loring Consulting Engineers, Inc.

New Jersey Executive Statehouse Renovation and Restoration

The New Jersey Executive Statehouse project scope included the complete and comprehensive rehabilitation and restoration of this approximately 130,000 square foot historic Building. All mechanical and electrical systems and equipment were replaced. Incorporating modern systems into the historic Statehouse Building presented many challenges to the design team. Creative design solutions and detailed coordination resulted in a successful restoration, bringing the historic Building to current standards with modern systems hidden from view. HVAC, fire alarm system, sprinklers, digital building automation and lighting control systems with wireless devices are woven into the historic fabric of the Building with little evidence of their placement. and reduced emissions and travel costs.



NV5, Inc.

NJDOT Bordentown Training Center

The New Jersey Department of Transportation recognizes the critical importance of a well-trained and skilled workforce to build, maintain and improve the State's transportation infrastructure. The recently completed Bordentown Training Center is the culmination of several years of thoughtful planning, and exceptional design and construction. This state-of-the-art facility incorporates unique hands-on amenities, such as a simulated roadway training area, and it is dedicated to training NJDOT's technical and professional workforce. The skills taught at this innovative and modern facility will directly impact motorists throughout New Jersey, because excellence in training translates to expertise, efficiency, and enhanced safety on the job. This project represents an investment in NJDOT's most valuable asset, its employees.



Honor Award – Non-Transportation Project

CME Associates

Improvements to Dr. Bishop Willard K. Andrews Park

The former facility was underutilized and antiquated. Upon the dedication and renaming of the park in honor of a local inspirational leader, the Borough unveiled its plans for future improvements and turned to CME Associates to bring them to life.

The site was part of an area wide remediation plan mandated due to impacts from a local industry that operated for over 80 years. Construction of the improvements were required to coincide with this plan.

The newly completed facility has ignited a sense of pride within the Borough which has held industrial polluters accountable for negative impacts on the community.



Dr. Bishop Willard K. Andrews Park now provides a clean and safe space for the enjoyment of all.

KS Engineers, P.C.

Green Infrastructures in 650 Areas of Brooklyn

This project aimed to construct Right-of-Way green infrastructures in NYC's combined sewer areas to collect and infiltrate stormwater runoff. The Applicant provided Resident Engineering Services. The project was delivered below budget and ahead of schedule. In total, the project constructed 614 green infrastructure installations in 650 areas in Brooklyn, NY. The project created a more vibrant atmosphere for residents, improved air quality, and enhanced the area's aesthetics, as well as saving NYC money by reducing stormwater flow to the combined sewer system, thus lowering treatment costs. The project exceeded the client's expectations, and residents were pleased with the neighborhood's greening.



Honor Award – Non-Transportation Project

SJH Engineering, PC

Hunts Point Bryant Avenue Pedestrian Bridge
Category: C - Structural Systems

To adapt to the removal of commercial traffic from local streets and enhance safety and accessibility for the local community, SJH Engineering, P.C. is the Engineer of Record for the replacement of the Hunts Point Bryant Avenue Pedestrian Bridge, under NYSDOT's \$1.7 billion Hunts Point Interstate Access Improvement program. The 459-foot-long 5-span bridge carries pedestrian and bike traffic over Bruckner Expressway, Bruckner Boulevard, and Amtrak/CSX rail lines. SJH provided expertise in ABC techniques and overcame obstacles with logistics, constructability, and scheduling to open the fully ADA-compliant critical pedestrian passage before the 2024-2025 school year.



Distinguished Award

AECOM

Garden State Parkway Service Area Ramp Widening

NJTA engaged AECOM to perform final design (Phase A through D) and construction support services for improvements of entrance and exit ramps and associated deceleration and acceleration lanes at all 11 service areas along the Garden State Parkway. Based on the Phase A evaluation of geometrics, environmental constraints, utilities, lighting and cost, 23 ramps at nine service areas were advanced to Phase B to develop design for improved standard auxiliary lanes and shoulders. Drainage, lighting and roadside safety upgrades, as well as utility relocations and guide sign relocations and upgrades, were provided to accommodate the necessary roadway improvements.



Boswell, Inc.

Thomas O’Beirne Field Improvements

Thomas J. O’Beirne Field has been transformed from a limited-use collection of fields into a cohesive facility that maximizes its space and uplifts its surrounding areas. With the upgrade to the playground and the addition of pickleball, the facility can be enjoyed by participants ranging in age from toddlers to senior citizens.



At every turn, the planning, design, and construction of this facility used the most appropriate, cost-effective, sustainable, and innovative solutions to address the original and downstream issues of this facility. Problems were not simply solved, they were turned into virtues presenting opportunities to improve the facility in ways not originally expected. The final result is a gem of the community that includes the ability to host all levels of soccer and baseball watched by spectators of all levels of mobility in a beautiful and efficient facility.

Distinguished Award

Boswell, Inc.

Wilmore Park Playground Improvements

Wilmore Road Park in the Township of Little Falls now hosts a state-of the art playground that promotes outdoor play and inclusivity for children of all ages. It is more durable, more beautiful, and more fun than ever before, and requires less maintenance and work hours than the previous playground.



The new playground no longer highlights and segregates children with special needs, but allows them to use all types of equipment and play right next to their peers. In doing so, it shows that “special” doesn’t have to be so “different” and builds a sense of community that makes everyone, from those of us at Boswell, Inc. to the Little Falls leadership, proud.

This playground is an exciting addition to what is officially known as Memorial Park, there to commemorate those who have given so much for others. In that spirit, this playground is a gift to all who enjoy a swing on a spring day and the laughter of children as they head down a slide.

Dewberry

Connecticut Dot Carbon Reduction Strategy

Connecticut’s transportation sector produces almost 40 percent of the state’s greenhouse gas (GHG) emissions, disproportionately impacting low-income communities. Dewberry prepared CTDOT’s first-of-its-kind Carbon Reduction Strategy, including:

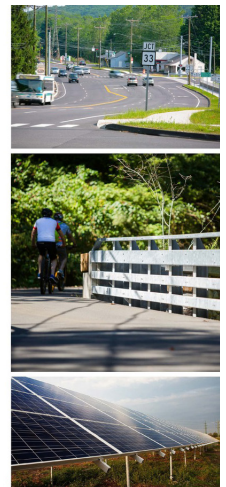
- A GHG inventory of CTDOT operations;
- Identification and prioritization of emissions reduction strategies; and
- Analysis of CTDOT’s right-of-way for solar installations.

The Federal Highway Administration approved the Carbon Reduction Strategy, releasing \$79 million in funding for CTDOT to use for traffic management, public transportation, pedestrian facilities, alternative fuels, and port electrification. This effort enables CTDOT to aggressively reduce emissions, increasing equity and quality of life, and providing a cleaner environment.

NOVEMBER 2023
CONNECTICUT
DEPARTMENT OF
TRANSPORTATION
**CARBON
REDUCTION
STRATEGY**



Dewberry



FINAL

Distinguished Award

EnTech Engineering of New Jersey

Park Avenue Green Infrastructure Installations REI Weehawken and West New York, NJ

EnTech was the prime REI consultant on this project, which constructed 10 right-of-way bioswales along Park Avenue in Weehawken and West New York. These installations collect and manage stormwater and mitigate sewer overflows during periods of heavy rain.

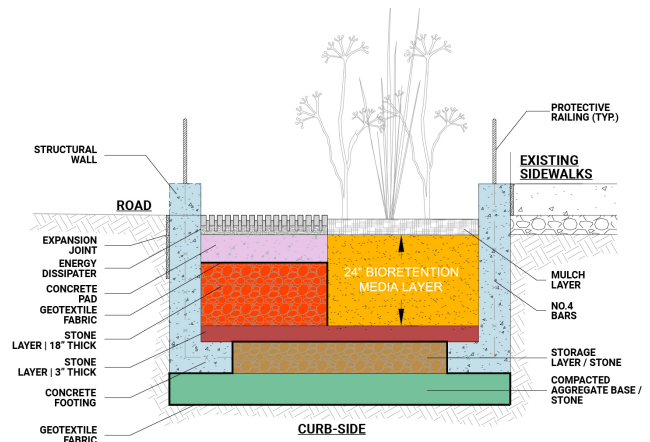
With this project for the NHSA, EnTech continues its strong record of work in the green infrastructure sector. The firm has previously served as the lead owner’s representative for a major green infrastructure program undertaken by the NYCEDC, in addition to providing geotechnical, civil, and environmental engineering services in support of various green infrastructure initiatives throughout the New York metropolitan area.

The project alleviated traffic congestion, enhanced traffic flow, improved motorists’ safety, and reduced emissions and travel costs.

French & Parrello Associates

Cottrell Farm Park

Cottrell Farm Park is the former home of a 21.5-acre apple orchard with roots dating back to 1831. French & Parrello Associates (FPA) provided recreational needs while preserving the history of the site. Overcoming COVID-related supply constraints and extended design time for historical detailing, FPA positioned the passive amenities near the preserved farm buildings, maintaining the historical feel, and “active” amenities further away from this area. Parking, designed with a sustainable rain garden, and a network of walking trails link the amenities together. FPA’s innovative solutions ensured the revitalization of an amazing resource, aligning with the client’s vision of a community-based park with “something for everyone.”



*Designed by Mott MacDonald

Distinguished Award

Gannett Fleming

Garden State Parkway Shoulder Widening - Milepost 30 to 35

The New Jersey Turnpike Authority selected Gannett Fleming to provide final design improvements for the Garden State Parkway (GSP) Shoulder Widening – Milepost 30 to 35 in Egg Harbor Township and the City of Somers Point, Atlantic County, New Jersey. The project provided safety enhancements, including widening the GSP’s northbound and southbound left and right shoulders for the last 5-mile stretch of the greater GSP 30 to 80 Widening Program and lengthening substandard acceleration and deceleration lanes at Interchange 30. The improvements also included reconstructing eight GSP mainline bridges to extend their lifespan and accommodate potential future improvements.



Greenman-Pedersen, Inc.

Route 15 & Berkshire Valley Road Improvements

The Route 15 and Berkshire Valley Road intersection improvement project in Jefferson Township, New Jersey, successfully addressed critical safety and congestion issues affecting thousands of daily commuters. The \$12 million initiative centered on realigning Berkshire Valley Road with a 530-foot radius curve, improving sight distance, and expanding the intersection’s capacity with a new five-lane section. The project delivered comprehensive safety upgrades, including modernized traffic signals, improved pavement surfacing, ADA-compliant infrastructure, and enhanced stormwater management. Through efficient construction staging, the project was completed a full year ahead of schedule while maintaining traffic flow.



Distinguished Award

H&H

Gordon Street Bridge Replacement

This project replaced the obsolete c1912 two-lane Warren truss bridge between Roselle/Roselle Park with a three-lane single-span steel pony truss maintaining the original's historic character. We performed extensive coordination with utilities, environmental regulatory agencies, landowners, elected officials, and the public; the project had many stakeholders with conditions to be negotiated, including geometric standards. PSE&G maintains overhead lines in the ROW; the utility accommodation design was modified just before construction when a developer demolished existing adjacent buildings; changing utility constraints resulted in last-minute changes to utility relocation phasing. The roadway was widened and a traffic signal installed to facilitate safe turning movements and alleviate queues.



H2M architects + engineers

Passaic Valley Water Commission - Asset Management Planning

The Passaic Valley Water Commission (PVWC) provides water to nearly 800,000 New Jersey residents. Per state regulations, the PVWC had to submit a Capital Improvement Report outlining both complete and planned capital improvements.

The PVWC hired the entrant firm to develop an Asset Management Plan for three of its water distribution systems in Northern New Jersey and prescribe a water main replacement schedule for achieving a 150-year planning cycle.

The firm analyzed PVWC water mains and created a budgeted prioritized water main replacement program for 650 miles of pipe.



Distinguished Award

HDR, Inc.

The New Valley Hospital

The 7-story, 900,000-square-foot, New Valley Hospital features 370 patient rooms, 24 procedure rooms, an expanded emergency department, and a 1,512-stall parking structure. Infused with green space throughout, the hospital creates a heart to the Valley Health System campus.

To maximize efficiency and maintain space for gardens, connections, loading, maintenance, and plazas, the team cantilevered the three towers 32 feet at the end of each wing. The two-story diagnostics and treatment block forms the base for the L-shaped inpatient tower. The central “hinge” extends the lobby’s use with waiting rooms offering picturesque views of the lawn and garden.



KS Engineers, P.C.

Coney Island Retaining Wall and St. Marks Bridge Replacement

KS Engineers, P.C. provided design and construction support for this project. KSE prepared design reviews and plans to progress the project from 30% to 100% design. The St. Marks Bridge drawings included superstructure, substructure, and civil packages. The Coney Island retaining wall included bridge steel and abutment and retaining wall packages.

Construction support included review and interpretation of the intent of drawings/specifications, resolution of questions, review of modifications necessitated by field conditions, and as-built drawings. Track and signal work was completed with minimal impacts to NYCT train service, and bridge changes were completed with no delays to reopening the line.



Distinguished Award

LAN Associates and CP Engineers, Architecture & Environmental Services

New Sanitary Sewer at Island Beach State Park

LAN Associates and CP Engineers were retained by the DPMC to provide civil and environmental engineering, land surveying, and land use services for the approval, design, and construction of a new sanitary sewer system at Island Beach State Park in New Jersey. Our team safely removed the existing failing septic systems and installed a new 7.9-mile-long underground sewer collection and conveyance system that supports the locations varying flow periods using vacuum technology. The project is an environmentally sensitive area and required twelve approvals and permits from state, local and other government agencies.



Langan

Arsenal Trade Center

The Arsenal Trade Center project encompasses approximately 80 acres on the site of the former Hercules munitions and chemical plant, which closed nearly 30 years ago. Located in the northern portion of the site, the logistics hub includes three warehouses totaling nearly 1,100,000 square feet. The development achieved LEED Gold Certification from the U.S. Green Building Council.

Langan provided integrated land development services for this unique project, including site/civil engineering, environmental engineering, existing conditions assessments, traffic engineering, landscape architecture, natural resources permitting, surveying, and on-site construction observation and monitoring.



Distinguished Award

Langan

Perth Amboy High School

The state-of-the-art High School is a transformative addition to the community, designed to accommodate 3,300 students in grades 9-12. This three-story, 576,000 SF facility is intended to alleviate overcrowding in the district and stands as the largest high school built by the NJSDA. The facility includes a diverse range of spaces, including a 1,000-seat auditorium, four gyms, three cafeterias, general classrooms, science and specialized labs, a black box theater, art rooms, digital/graphics studios, a dance studio, a media center, and ROTC classrooms. The school represents a strong commitment to improving public education and providing high-quality educational learning environments for students.



Michael Baker International

ACY Deicing Pad

The South Jersey Transportation Authority (SJTA) recognized the need to provide a centralized deicing facility, outside of the terminal apron, at Atlantic City International Airport (ACY) to reduce environmental impacts and improve efficiency of airline operations during the deicing season.

SJTA enlisted Michael Baker International to complete the design of the deicing pad and the associated airfield infrastructure. Michael Baker designed the deicing pad to accommodate the most demanding aircraft and provide sufficient capacity to handle peak departure periods. Adjacent to the deicing pad is a paved area that houses the support facilities. The project also included an access road.



Distinguished Award

Michael Baker International

Smart Moves 2020 North

Michael Baker International served as the Lead Consultant for the New Jersey Department of Transportation’s (NJDOT) Division of Mobility Engineering Smart Moves 2020 North Initiative, which expands the Intelligent Transportation System (ITS) infrastructure in northern New Jersey. This project is part of NJDOT’s broader effort to create a more sustainable transportation system. The project deployed new Camera Surveillance Systems (CSS) and Dynamic Messaging System (DMS) signs across 20 sites that were selected based on traffic demands, NJDOT needs and infrastructure gaps. This project introduced new ITS sites and strengthened the statewide infrastructure by replacing outdated CSS and DMS equipment.



Mott MacDonald, LLC

Pedestrian and Resilience Upgrades at TD Ballpark

Mott MacDonald and Somerset County worked together to address safety, access, and resilience concerns for a pedestrian walkway and stormwater pump house servicing TD Bank Ballpark and NJ Transit’s Bridgewater railroad station in Bridgewater, NJ. Our cost-effective solution included demolition of two deteriorated pedestrian bridges, replacement of a cantilevered structural walkway, and construction of a new ADA-accessible at-grade walkway to the railroad station. Storm resilience improvements to the pump house included relocating electrical equipment to the roof level to prevent inundation of the pump controls during major storms.



Distinguished Award

T&M Associates

New Ship Bottom Municipal Building Project

The Borough of Ship Bottom is known as the gateway to Long Beach Island. The Borough's name came from the wreck of an unnamed ship in 1817. In 1966 the Borough's municipal building was built and had undergone various additions and renovations over the years.

The building had passed its useful service life, affected by inclement weather, including Hurricane Sandy, and no longer met the needs of the Municipality due to its inadequate layout, size and need of constant maintenance.

The Borough engaged The Goldstein Partnership to develop the design for their new building and site and in 2020 contracted T&M to provide bid and construction management services. During construction T&M worked closely with the Borough, the Goldstein Partnership, and other team members leading oversight and management for the bid award, permitting, construction, startup, and occupancy phases of the new \$10M state-of-the-art, 2-story, 16,000 SF, municipal building.

The new building was constructed in an existing parking lot on the same site as the current building which remained in full operation serving residents and visitors until occupancy and operation of the new facility was complete. The new complex includes municipal offices; a multipurpose courtroom for the Borough, Council, Boards and New Jersey Courts; a police station, post office branch, and provisions for use during elections.

For minimal impact to daily operations, the innovative, new facility was built in phases including demolition of the existing parking lot and storage of the existing Fortuna Anchor and Borough time capsule; construction of the new building and utilities; relocation; abatement and demolition of the existing building, and construction of a new parking lot and time capsule park.



T&M Associates

Anchor's Tiki Bar & Up Smith's Creek Community Complex Project

Woodbridge Township's new Anchor's Tiki Bar and Up Smith's Creek Community Complex involved the redesign and renovation of a dilapidated, old marina to a 200-seat waterfront tiki bar. This multi-feature waterfront revitalization project required multiple design and construction phases including both in-water and waterfront design and permitting, MEP services, site/structural design, and environmental remediation. Project features include marina basin dredging, reconstruction of bulkheads and docks, tiki-bar, picnic grove for food trucks, recreational space for live music and cornhole tournaments, a restroom trailer, new and improved walkways, additional parking, site lighting, fencing, roadway improvements, landscaping, stormwater facilities, and utility infrastructure.



HNTB CONGRATULATES ALL OF TONIGHT'S WINNERS!

Distinguished Service Award

Commissioner Francis K. O'Connor -
New Jersey Department of Transportation

Lifetime Achievement Award

Craig Johnson, PE - *Dewberry*

Member Recognition Award

Judy Bowen, PE, C.M.E. -
Greenman-Pedersen, Inc.

Educator of the Year Award

James Maccariella Jr, PhD., PE -
Mercer County Community College

Young Professional of the Year Award

Federica Belfiore, PE - *Michael Baker
International*

***Distinction in Industry Advancement
Award***

City of Hoboken

HNTB Scholarship Recipient

Arwa Ouali - *NJIT - Chemical Engineer
Student*



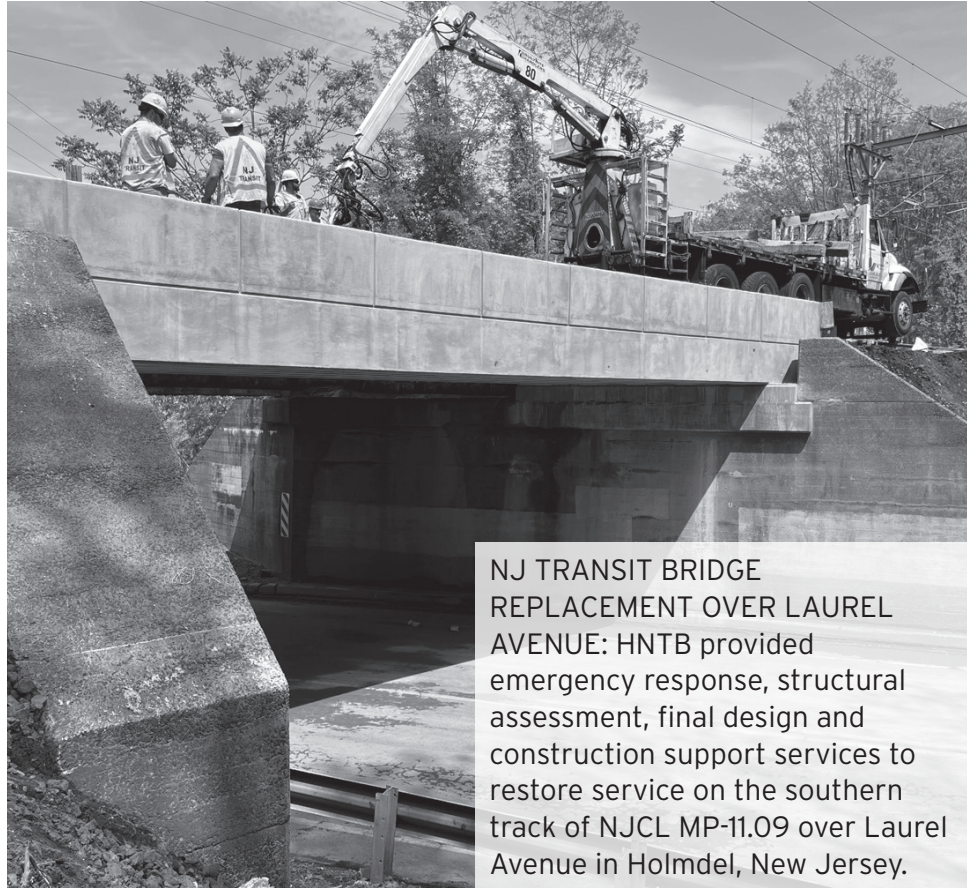


Join our team!

Parsipanny, NJ | Cherry Hill, NJ
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Route 3 and 495 Interchange | NJDOT



NJ TRANSIT BRIDGE REPLACEMENT OVER LAUREL AVENUE: HNTB provided emergency response, structural assessment, final design and construction support services to restore service on the southern track of NJCL MP-11.09 over Laurel Avenue in Holmdel, New Jersey.

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CONGRATULATIONS

Lifetime Achievement Award winner Craig Johnson, PE, and award-winning projects Route 295/Route 42, Missing Moves, Bellmawr and Connecticut Department of Transportation Carbon Reduction Strategy

Craig Johnson, PE, 24GE03157500
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Congratulations to all ACEC Engineering Excellence Award Honorees!

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Weldon Road over Route 15 Emergency Bridge Replacement
Jefferson Township, New Jersey



**CONGRATULATIONS 2025 ACEC NEW JERSEY ENGINEERING EXCELLENCE
AWARD WINNERS, HONOREES, AND SCHOLARSHIP RECIPIENTS**

Bravo!

We're so proud of
Federica Belfiore, PE,
Sr. Project Engineer,
Michael Baker International, and
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Young Professional of the Year!

Congratulations, Fed!!



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Design with community in mind.

Congratulations to the 2025 ACECNJ Engineering Excellence Award and Scholarship Recipients



Route 3, Route 46, Valley Road and Notch/Rifle Camp Road Interchanges Contract B

NJDOT, Township of Little Falls, Borough of Woodland Park and City of Clifton, NJ

Stantec NJ Office Locations:

Rochelle Park, NJ (201) 587-9040

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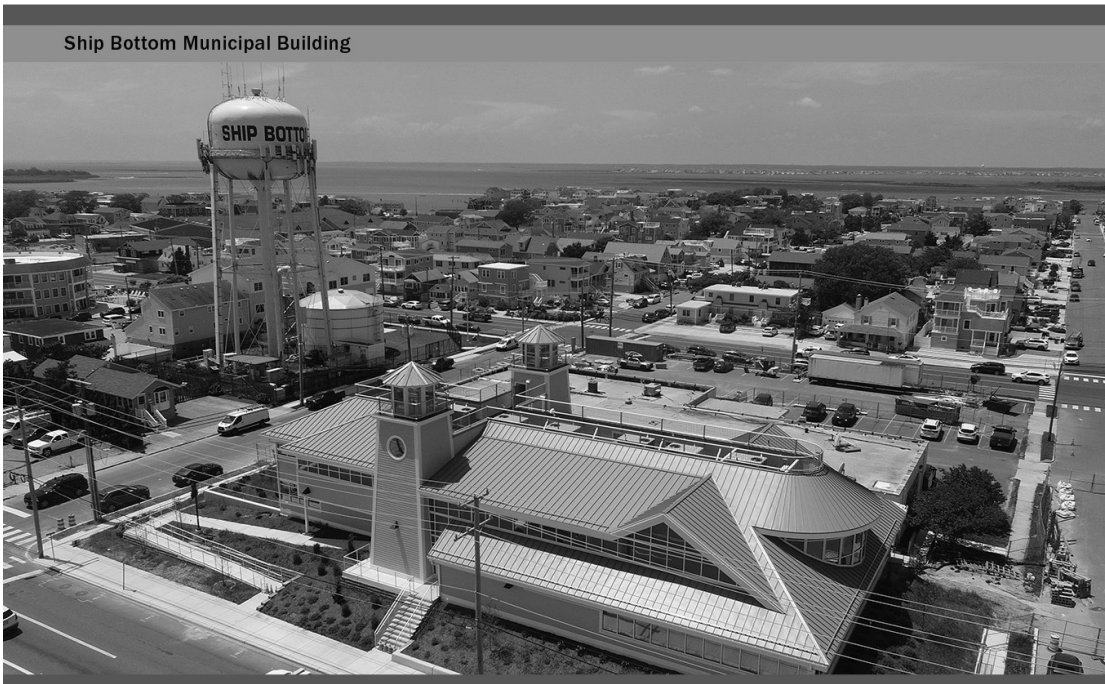
[stantec.com](https://www.stantec.com)

Congratulations to T&M scholarship recipient Jason Lin and all award winners!

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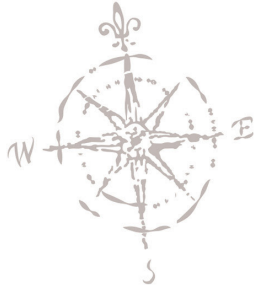


Ship Bottom Municipal Building



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*Congratulations to this Year's
Engineering Excellence Awards Winners!*

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ANNUAL THUNDER ROAD GOLF OUTING

2025

Save The Date!

**MONDAY
JUNE 16, 2025**

Forsgate Country Club, Monroe Township, NJ

ACEC New Jersey
FOUNDATION

Space is limited to the first 248 paid golf reservations. Unfortunately, no exceptions will be made – please reserve ASAP! Contact info@acecnj.org for more information.

CONTRIBUTIONS BENEFIT

New Jersey State Police SURVIVORS OF THE TRIANGLE 1990

Check-In 7 a.m.
Shotgun Start 8 a.m.

Please contact info@acecnj.org for more information on registration fees and sponsorship opportunities.

Golf Clinic / Lesson Available!

Each per person reservation includes breakfast, greens fee and luncheon.

ACEC New Jersey
AMERICAN COUNCIL OF ENGINEERING COMPANIES

DEPARTMENT OF TRANSPORTATION THE STATE OF NEW JERSEY

DEPARTMENT OF TRANSPORTATION UNITED STATES GOVERNMENT

SAVE THE DATE!

2025 DESIGN SUMMIT

Sponsored by NJDOT, FHWA and ACECNJ

Wednesday, May 14, 2025

Forsgate Country Club
Highland Room
375 Forsgate Drive, Jamesburg, NJ
Registration begins at 8:00 a.m.

FIRST ANNUAL NJDOT
**AVIATION
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Cohosted by:



SAVE THE DATE!
APRIL 01, 2025

Please join us for a full day conference with three breakout session tracks.
 Innovation | Infrastructure | Aviation Trending
 Registration will open after January 1, 2025.

Forsgate Country Club Event Registration: 8:00am
 375 Forsgate Drive Event Conclusion: 5:00pm
 Monroe, NJ 08831

For more information about registration and sponsorship, please contact info@acecnj.org.

Hold the Date!

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2025 BI-STATE FALL CONFERENCE
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