

NJ TransAction Conference Program Schedule and Workshop Sessions

Tuesday, April 15, 2025

(P) = Planning ACIP Credits

(E) = Engineering PDH Credits

8:00 am - 5:00 pm Registration Kiosks Open (Front of Exhibit Hall)
Waterfront Conference Center - Wildwood Rooms, 1st floor

10:00 am - 5:00 pm Workshop Sessions

3:00 pm – 6:00 pm Exhibit Hall OPENS For All Attendees

10:00 am – 11:00 am

1. Adding Value through Public Involvement

(P) (E) Room: Wildwood 1-2

Join the Delaware Valley Regional Planning Commission (DVRPC), Local Sponsors Gloucester County and Mercer County, and FPA's Public Outreach Team for a comfortable, yet candid discussion detailing the importance of the public involvement process. The session will include strategies for building public consensus connecting the dots along the project lifecycle from Pre-TIP process, to CD, PE, FD and into construction. Public outreach doesn't need to be an afterthought or challenge to the project team, when properly executed, it can add valuable perspectives and improve the outcome for all.

Moderator: Daniel Synder, Senior Project Implementation Engineer, DVRPC

Presenter: Alison Hastings, Director, Operations, Communications, and Engagement, DVRPC

Presenter: Sara Irick, PE, TDM-CP, PMP, CME, Senior Project Manager, French & Parrello Associates

Presenter: Matthew Zochowski, PP, AICP, Principal Planner, Mercer County Planning Department

Presenter: Karen Jost, PE, Supervising Engineer, Gloucester County Office of County Engineer

2. Moving Away from Traffic Impact Assessments

(P) (E) Room: Wildwood 6

Traffic Impact Assessments (TIAs) are the industry standard way to assess the impact of proposed development to the transportation network. TIAs are often limited in focus to vehicle trips generated, and impacts to the roadway congestion, with limited considerations of planning goals, safety outcomes and modal choice impacts. Often the results of a TIA are reflected only in on-site parking, and off-site roadway mitigations. Discussed are alternative ways transport impacts of development can be considered, including alternate ways to approach Parking requirements and VMTs.

Moderator: Andy Kaplan, PE, PTOE, Manager, North Jersey Transportation Planning Authority

Presenter: Leigh Ann Von Hagen, Executive Director, Voorhees Transportation Center, Bloustein School, Rutgers

Presenter: Peter Truch, P.Eng, Global Independent Consultant, British Columbia, Canada

Presenter: Corey Hannigan, Active Transportation Program Manager, Tri-State Transportation Campaign

3. Intelligent Traffic Signals for Pedestrian and Vehicular Safety in New Jersey: Advanced Engineering Techniques by the New Jersey Department of Transportation

(P) (E) Room: Wildwood 12-13

This presentation explores the data analysis, design, and operation of traffic signals aimed at enhancing pedestrian and vehicular safety. Emphasizing the use of advanced detection technologies and innovative traffic signal operations, it provides insights into optimizing signal performance and safety outcomes. Attendees will learn about integrating cutting-edge tools to address real-world challenges, improve traffic flow, and ensure safer intersections for all road users. Join us to discover effective strategies for modern traffic signal management.

Moderator: Farukh Ijaz, P.E., Consulting Services USA

Presenter: Jaime Oplinger, P.E., Director, Division of Traffic Engineering, NJDOT

Presenter: Kelly McVeigh, Executive Manager, Bureau of Traffic Engineering – South, NJDOT

Presenter: Syed Kazmi, Executive Manager, Bureau of Traffic Engineering – North, NJDOT



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4. Maximize Opportunity and Enhance Your Bottom Line – The Paratransit Best Practices Act

(P) Room: Wildwood 18-19

Are you looking for ways to reduce or eliminate driver down time and fill empty seats in your transit system? What if there were an opportunity to accept rides from outside your system without negatively impacting your current operations or your clients? Through its partnership with NJT Access Link, Senior Citizens United Community Services (SCUCS) SEN-HAN Transit has been able to expand service delivery and transform system idle time and unused capacity into a productive and revenue-generating partnership.

Moderator:

Presenter: Jauhara Pressey, Project Manager NJ Transit Access Link

Presenter: Chris Smith, Operations Manager, SEN-HAN Transit

Presenter: Tom Moss, Project Manager SCUCS, Inc.

5. Lighting for Vision Zero

(P) (E) Room: Wildwood 21

This presentation will delve into the latest guidelines and best practices for designing lighting systems that enhance pedestrian safety, aligning with Vision Zero's goal of eliminating traffic fatalities and severe injuries. Key topics will include design criteria, visibility, calculation methods, and roadway design factors. By focusing on these areas, the presentation aims to provide a comprehensive understanding of how effective lighting can contribute to safer pedestrian environments.

Presenter: Shayna Bramley, PE, LC, CEM, CBCP, LEED AP, Senior Project Manager, Michael Baker International

6. Why your fleet needs to go electric now?

(P) Room: Wildwood 23

Electric fleets are the future. Lower fueling and operational costs. Lower emissions. Higher driver satisfaction. What's not to love about electric vehicles? With billions already allocated through the Inflation Reduction Act, EV investments are here to stay—regardless of future federal mandates. Automakers remain committed, and New Jersey continues to offer strong EV infrastructure incentives. Join us to learn about the financial incentives, the expertise available for a smooth transition, and the experiences of one community that took the EV plunge.

Moderator: Krishna Murthy, President & CEO, EZ Ride

Presenter: John Adair, Somerset County, CTAA Board and NJ COST

Presenter: George Koutsouradis, Sales Manager, Bryan Electric Inc.

Presenter: AnnMarie Arnold, Supervisor of the Diesel Modernization Program, Bureau of Mobile Sources, NJDEP

Presenter: Dawn Neville, Manager, Electric Transportation, PSEG

7. Linear Construction Projects in New Jersey: How's It Going? Regulatory Update after a Dozen Years into the Program

(E) Room: Wildwood 25

In 2012, as part of reforms made to the NJDEP Site Remediation Program, NJDEP and transportation and utility stakeholders developed and issued the Linear Construction Technical Guidance Document. Since then, linear construction policy has benefitted the owner, design consultant, and contractor through streamlining investigation, planning, and management of contaminated materials on a project from design to construction. This session will highlight the successes of linear construction on transportation projects and will identify areas of improvement.

Presenter: Charles Stebbins, Senior Project Manager, Dewberry

Presenter: Kirstin Pointin-Hahn, Bureau Chief of Case Assignment & Initial Notice, NJ Department of Environmental Protection



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11:10 am – 12:10 pm

8. Sneak Peek at the New Long Range Transportation Plan (LRTP's)!

(P) Room: Wildwood 1-2

Every four years, each NJ Metropolitan Planning Organization (MPO) updates its Long Range Transportation Plan (LRTP), as per federal requirements. By the end of this year, all three MPOs are scheduled to adopt their new LRTPs. This interactive panel discussion will preview the LRTPs and cover how each MPO's approach varies to address specific regional needs. Panelists will discuss topics such as safety, coordination of land use and transportation, public engagement, and financial elements.

Moderator: Walter C. Lane, PP, AICP; Acting Executive Director; NJ Office of Planning Advocacy

Presenter: Lois Goldman, PP, AICP, Director Long Range Planning, NJTPA

Presenter: Amani Bey, Planner, Long Range Planning, DVRPC

Presenter: David Heller, PP, AICP, Program Manager, Regional Planning & Systems Performance, SJTPO

9. Born to Plan: The New Jersey Turnpike Authority's Journey to Sustainability

(P) (E) Room: Wildwood 6

The New Jersey Turnpike Authority is developing a Sustainability Plan to lead the way to a sustainable future. Learn how the Authority is defining sustainability, assessing current actions and programs, gathering feedback and input from across the organization, and developing a communications strategy. This plan will enable the Authority to adapt and transform to meet customers' future needs, providing a safe, efficient, and sustainable toll road system.

Moderator: David Nowak, LEED AP, ENV SP, Senior Project Scientist, Dewberry

Presenter: Lu Ding, PE, ENV SP, PTOE, Project Engineer, Planning, New Jersey Turnpike Authority

10. Effective Engagement for Safe Streets Projects

(P) (E) Room: Wildwood 12-13

This workshop session focuses on equipping transportation professionals with strategies to foster meaningful community engagement for pedestrians, bicycle, and Complete Streets initiatives. Through tailored techniques, case studies, and practical takeaways, participants will learn how inclusive outreach can build trust, address diverse needs, and create safer, more effective transportation solutions.

Presenter: Jessie Cohen, Practice Lead, Planning and Design, Melissa Johnson Associates

11. New Jersey Transit's Community Transit Zero Emission (ZE) Transition Plan and Pilot Program for Community Transportation Systems

(P) Room: Wildwood 18-19

Interactive back-to-back sessions on community transportation ZE transition planning, design, and implementation specifically in the areas of procurement, funding, workforce and organizational change management.

Moderator: Charvi Gupta, Lead Consultant, Emerging Tech, Transit & Rail, WSP

Presenter: Lea Sheridan, Manager of Quality Assurances & Compliance, Local Programs & Community Mobility, NJ TRANSIT

Presenter: Chris Uffer, Paratransit Fleet & Implementation Coordinator, NJ TRANSIT

Presenter: James Artfitch, Assistant Director of Transportation, Somerset County



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12. Linking Southern New Jersey Communities

(P) Room: Wildwood 21

Linking communities together in southern New Jersey is a priority for the state and NJ TRANSIT. This workshop will describe the design updates for the Glassboro Camden Light Rail, and the Walter Rand Transportation Center. The workshop will also explore additional improved connectivity possibilities for the Glassboro Camden Line, RiverLine, Trenton Rail Station, and the Atlantic City Rail Line.

Moderator: Joe Fiordaliso, President, American Council of Engineering Companies of New Jersey

Presenter: Kiran Patel, PE, CPM, Interim Chief of Special Projects, Capital Programs, NJ TRANSIT

Presenter: Tom McGuinness, Engineering Chief, STV

Presenter: Dennis Martin, Associate Vice President/Bus Practice Lead, HNTB

13. The Microeconomic Theory Behind the Workplace Community from a Project Manager Perspective

(P) Room: Wildwood 23

The session will be an overview from a project manager's perspective of the microeconomic concepts that are used to develop an automated Workplace Community consisting of employers, employees, workplace advisors and support roles. The Workplace Community is inspired by the union hiring hall concept. It is designed to streamline and reduce the cost of staffing projects by reducing transaction and proposal costs, by providing accurate current availability and cost data that can be used for workforce planning, cost trends, etc.

Moderator: Bruce Blondina; Retired Technology Program Manager and Consultant

Presenter: Richard A. Cornell, PE; Richard A. Cornell, PE Consulting Engineer/Economist

Presenter: John Johnson, Jr.; Former President of Transport Workers Union (TWU), Local 234

14. Modernizing Bridge Management & Design: Data-Driven SNBI Implementation, Optimizing Staging Analysis and Airborne Thermal Imaging for Cost Effective Inspections

(E) Room: Wildwood 25

With nearly 7,000 bridges in the NJDOT inventory and a vast amount of inspection data, effective utilization of this data is key to continued success in Asset Management. This session will present how various aspects of data-driven management and modernization blend with sophisticated analysis and design, utilizing state-of-the-art inspection technology to assess existing bridges.

Moderator: Ronak Patel, PE, Corporate Strategist, MP Engineers

Presenter: Harjit Bal, PE, Supervising Engineer, Structural Evaluation & Bridge Management, NJDOT

Presenter: Vijay Sampat, Principal Engineer, Structural Evaluation & Bridge Management, NJDOT

Presenter: Rama Krishnagiri, PE, Vice President, Director of Structures, MP Engineers

Presenter: Dhaval Jagirdar, PE, Director of Bridge Inspections, MP Engineers

Presenter: Mousa Diabat, Ph.D. Remote Sensing, Thermographer III, NV 5

Presenter: Syed Qasim, PE Project Consultant - French & Parrello Associates



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12:10 pm – 1:00 pm

LUNCH - Buffet Deli Meat Platters, Salads, Beverages & Desserts

A casual deli style lunch with meat platters, salads, beverages and desserts will be available in the Avalon Room (follow signs and take the escalator to the second floor). There is no lunch program or speakers at the Tuesday lunch.

Tuesday Deli Lunch Sponsor

Co- Sponsorships are Available

1:00 pm – 2:00 pm

15. Open For Business: NJ TRANSIT Contracting Opportunities

Room: Wildwood 1-2

NJ TRANSIT will provide an overview of significant projects underway and outline upcoming contracting opportunities. This session will focus on professional services, construction contracting opportunities, and planned major equipment purchases over the next 18 months, including NJ TRANSIT's Task Order Contracts Program.

Moderator: Jonathan Nelson, Director, Capital Projects Del. and Admin., Capital Programs, NJ TRANSIT

Presenter: Jignasa Desai-McCleary, Senior Vice President, Chief of Administration and Risk, NJ TRANSIT

Presenter: William (Bill) Brooks, Senior Vice President, Capital Delivery, NJ TRANSIT

Presenter: Barbara Geary, Chief Procurement Officer, NJ TRANSIT

Presenter: Inaldo Chavarria, Director, Compliance Operations, Office of Business Dev. NJ TRANSIT

16. Improving Transportation Safety and Operations with NJDOT Smart Moves 2020 North

(P) (E) Room: Wildwood 6

The Smart Moves Program involves the planning, design, and construction of new and improved field device installations throughout the state, including Dynamic Message System (DMS) signs, Camera Surveillance System (CSS) poles, and connected vehicle roadside units (RSU). This session will cover each phase of the most recently completed project under the program: Smart Moves 2020 North.

Presenter: Matthew Ullestad, P.E., PTOE, Senior Associate, Project Manager-Traffic/ITS, Michael Baker International

17. School Zone Safety: Creating Safer Routes for Students

(P) (E) Room: Wildwood 12-13

This session will explore strategies to improve safety for students traveling to and from school, focusing on infrastructure, engagement, and programming. We'll share lessons from ongoing projects in Trenton, NJ, and Philadelphia, including quick, low-cost improvements and experiences working with school communities and administrators. Attendees will gain practical insights on effective approaches to making school zones safer and more accessible.

Presenter: Jen Farris, Transportation Planner, Office of Transit, Bicycle, and Pedestrian Planning, DVRPC

Presenter: Caroline Robertson, Safe Routes Philly VISTA, City of Philadelphia

Presenter: Sean Meehan, Research Project Manager, Alan M. Voorhees Transportation Center

Presenter: Cheryl Kastrenakes, Executive Director, Greater Mercer TMA



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18. Free Training Materials Offered by National RTAP (Community Transportation)

(P) Room: Wildwood 18-19

Description: National RTAP (Rural Transit Assistance Program) is managed under a cooperative agreement with the Federal Transit Administration and offers free training materials, eLearning courses, webinars, and other technical assistance products. They also have a comprehensive collection of resources on rural and tribal transit and can get answers to your many questions. You can also connect with your peers through online forums, roundtables and chats, and conferences. Come to this workshop to learn about all that National RTAP has to offer.

Moderator: Lea Sheridan, Manager of Quality Assurances & Compliance, Local Programs & Community Mobility, NJ TRANSIT

Presenter: Robin Phillips, Executive Director, National RTAP

19. Local Road Safety Plans: Challenges and Opportunities

(P) (E) Room: Wildwood 21

The South Jersey Transportation Planning Organization in collaboration with GPI, Jacobs, FHI Studio, and Urban Engineers, Inc. have completed 4 Local Road Safety Plans in the SJTPO region (Atlantic, Cape May, Cumberland, and Salem Counties). The plans were adopted by their respective counties in December 2024 and the project team has now begun a year of project implementation support. This presentation will provide an overview of the Local Road Safety Plan project prioritization process, highlighting the unique data collection methods and analysis such as hot spot analysis, high injury networks, and systemic analysis. The team will discuss the ongoing implementation efforts, focusing on the engagement process, non-infrastructure project advancements, and funding opportunities for prioritized projects and initiatives.

Moderator: Dave Kuhn, P.E., Vice President/Philadelphia Director of Operations, GPI

Presenter: Kruti Barot, P.E., PTOE, RSP1, Senior Engineer, GPI

Presenter: Danielle Baer, AICP, Danielle Baer, AICP, Senior Planner, Urban Engineers

Presenter: Ryan Walsh, AICP, PP, Senior Urban Planner, FHI Studio/IMEG

Presenter: Jenna Monaghan, Assistant Planner, Safety Initiatives & Complete Streets, SJTPO

20. Solutions through Science: Incorporating Nature-Based Solutions into Infrastructure Projects

(P) (E) Room: Wildwood 23

NJDEP's REAL Rule Proposal, which significantly modifies NJ's Land Use Rules, is anticipated to be adopted in 2025. A core principle of the rulemaking is facilitating and incentivizing Nature-Based Solutions. In this presentation, we will examine the engineering, ecological, and regulatory considerations essential to designing projects which protect/restore/enhance shorelines, wetlands, and in-water areas through utilizing natural features and processes. Successes and challenges of a recent case study will be examined.

Moderator/Presenter: Sue Quackenbush, PWS, Area Manager & Principal, Davey Resource Group, Inc.

Presenter: Paul Miller, CPESC, ISA, NGICP, Department Manager, Mitigation & Construction, Davey Resource Group, Inc.

Presenter: Brian Medino, PE, Senior Lead Engineer, Senior Associate, Hardesty and Hanover

Presenter: Christina Sartorio Ku, Partner, Connell Foley LLP

21. Speaking the Same Language: Multi-Generational Communication

(P) Room: Wildwood 25

Are you and your colleagues speaking the same language? With many offices having four to five different generations working together, this can be difficult. The trends of each generation will be discussed, including how they prefer to work and how they prefer to communicate. Participants will leave with information regarding each generation's preferences, best practices, and prompts to start better communicating in their departments and teams.

Presenter: Kristy Shinn, MS, CIT, EHS Training Manager, Pennoni



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22. We're on a Road to Zero, Come on Inside. Implementing Vision Zero/ Safety Action Plans through Inclusive Road Safety Audits

(P) (E) Room: Wildwood 1-2

Middlesex County is leveraging NJTPA's assistance to enhance safety along its most frequent fatal and serious injury crash corridors. This session will demonstrate how and share lessons learned that can be applied throughout New Jersey as Planners and Engineers get ready to implement their upcoming Safety Action Plans. By engaging with multi-discipline stakeholders from corridor selection, field observations, assessments, and developing recommendations, consensus for concepts will be baked in, and ready to Rock and Roll.

Moderator: Michael Dannemiller, PE, Supervising Engineer, Middlesex County

Presenter: Andy Kaplan, P.E.,PTOE, Manager for Planning of Technology and Operations, NJTPA

Presenter: Matthew Maher PE, PTOE, RSP2I, Principal Traffic Engineer, Stantec

Presenter: Peter Kremer, AICP/PP, Senior Planner, Michael Baker International

Presenter: Courtenay Mercer, AICP/PP, Principal, Mercer Planning Associates

23. North Wildwood Emergency Dredging/Beach Placement – A Regulatory, Design, Safety and Community Collaboration

(P) (E) Room: Wildwood 6

In this panel, officials from NJDOT and North Wildwood along with the project team will present the context for NJDOT's emergency dredging and beach placement project conducted and completed prior to July 4th, 2024. NJDOT will present an overview of projects that have bolstered the Office of Maritime Resources' expertise in beach placement where sand from navigation dredging projects has been used beneficially to supplement New Jersey's public use beaches. This project was both different and emergent. Elements of process, procurement, design, cooperation, regulatory approach, schedule and logistical challenges, field operations, public coordination and safety will be presented.

Moderator: Genevieve Clifton, Director, Division of Maritime Resources and Construction Support, NJDOT

Presenter: William Henderson, Field Manager, Office of Maritime Resources, NJDOT

Presenter: Aiden Rogers, Principal Engineer, Office of Maritime Resources, NJDOT

24. The Port of New York and New Jersey - Moving Cargo to Feed the Nation

(P) Room: Wildwood 12-13

Listen to Port Professionals discuss just how the goods move every day quickly and efficiently in making this port terminal one of the leaders in the world.

Moderator: Mike Fesen, Government Affairs, Norfolk Southern

Presenter: Amanda Valdes, Manager, Business Development & Industry Relations, Port of New York & New Jersey

Presenter: Paul Martinetz, Director Business Development, Uncommon Carrier



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25. How New Jersey is Revolutionizing Paratransit Rider Opportunities and Experiences with Transportation Network Companies (TNC's)

(P) Room: Wildwood 18-19

Across the nation, mass transit agencies, counties, and other public transportation providers, have struggled to meet the growing demand for paratransit service. In recent years, agencies like NJ TRANSIT have sought to be innovative in how they enhance paratransit service through engagement with TNCs and other non-traditional service providers. Last year, advocates passed legislation to allow this new and innovative form of public transportation that will combine technology and a network of fully FTA compliant drivers to drive better performance, savings, and service. NJ TRANSIT, counties and other public owners will now be better equipped to ensure everyone, no matter their mobility needs, has access to safe, reliable, and affordable transportation. By adding TNC's to existing paratransit service, public transportation providers can significantly expand their service area and impact on the disabled and disadvantaged communities. Learn from experts who have delivered paratransit service all over the country, legislators that championed the legislative victory, and NJ providers who are engaging with this new and innovative approach to paratransit service.

Moderator: Anthony Attanasio, CEO, Hawk Strategies

Presenter: Assemblyman Michael Inganamort, 24th Leg District, Assembly Transportation and Independent Authorities Committee

Presenter: Namecca Parker, General Manager of Paratransit/Access Link, NJ TRANSIT

Presenter: John Donlon, CEO, UZURV

Presenter: Michael M. Vieira, Director of Community Transportation, County of Essex

26. Monmouth PATHS: Access for All – and Beyond

(P) Room: Wildwood 21

Monmouth County Planning and Stantec will discuss "Monmouth PATHS: Access for All", a county-wide barriers to mobility study. The project team will discuss the inspiration for the study, bespoke data analytics, outreach challenges and successes, and the strategy toolkit and how it can be applied beyond Monmouth County.

Moderator: David Schmetterer, Assistant Director of Planning, Monmouth County

Presenter: Adam Catherine, Principal, Smart(ER) Mobility Practice Lead – Northeast

Presenter: Victor Furmanec, Supervising Planner, Monmouth County

27. Scenario Planning: The Tool for Guiding Transportation Decision-Making in Rapidly Evolving Times

(P) (E) Room: Wildwood 23

The South Jersey Transportation Planning Organization will present a workshop to share our experience using scenario planning during the development of our Regional Transportation Plan (RTP) 2050—Forward 2050. DVRPC will share its experience utilizing scenario planning in the development of its publication Freight Futures. Scenario planning offers a framework for prioritizing strategies that are most effective across a range of plausible futures, while identifying critical interventions to navigate uncertainty and prepare for complex challenges.

Moderator: David S. Heller, PP/AICP, Program Manager, Regional Planning/Systems Performance, SJTPO

Presenter: Ralph DeNisco, Senior Principal—Urban Mobility Group, Stantec

Presenter: Daniel Farina Jr., AICP, Senior Freight Transportation Planner, DVRPC

Presenter: Kent Schellinger, P.E., PP, Technical Program Specialist, SJTPO



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28. Enhancing the Customer Experience in Transit: Balancing Accessibility, Preservation, and Maintenance

(P) Room: Wildwood 25

This panel brings together lead architects from local public transit agencies to explore how station accessibility, historic preservation, and State of Good Repair work intersect to shape the customer experience. Panelists will discuss the challenges of modernizing aging infrastructure while preserving architectural significance and ensuring stations remain safe, functional, and welcoming for all riders. Through case studies and insights from recent projects, the discussion will highlight innovative approaches to balancing these priorities in transit station design.

Moderator: Emily Kotsaftis, AIA LEED AP, Market Sector Leader – Transportation, STV

Presenter: Doug Hamilton, RA, Senior Director, Design Services, NJ TRANSIT

Presenter: Linda Tonn, AIA, Chief Architect, MTA Construction and Development

Presenter: Russell Kriegel, AIA, LEED AP, Assoc. DBIA, Chief Architect, Port Authority of New York and New Jersey

3:15 pm - 4:00 pm

No Workshop Sessions, Visit Exhibit Booths

3:15 pm – 6:00 pm

Expo Hall Opens for Attendees

3:15 pm – 4:00 pm

Refreshment Break Located in Rear of Expo Hall.

Assorted Beverages, Jumbo Gourmet Cookies, Fresh Fruit Cocktail, Large Philly Pretzels

6:00 pm

Exhibit Hall Closes

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Refreshment Break Sponsors

Dresdner Robin Environmental Management, Inc.

Promatech, Inc.

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TechniQuest Corporation

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29. Real-time Data and Artificial Intelligence for Roadway Management in Transportation Management Centers

(P) (E) Room: Wildwood 1-2

AECOM operates 35 TMCs in 11 states throughout the U.S. As TSMO has been ingrained in our TMC operations, we have developed real-time performance measurement tools to be more proactive in improving the safety, reliability, and mobility of our surface transportation systems. The goal of this presentation is to share insights on leveraging innovation and best practices in applying these software tools illustrating real-world examples of how they have been deployed in Florida, Virginia, Georgia, Michigan, and other states.

Presenter: James Chong, VP, Executive Director Digital, AECOM

Presenter: Robert Edelstein, SVP, Director, Strategic Technology, AECOM

30. Transportation Task Forces: Creating Engaging Meetings and Retaining Membership

(P) Room: Wildwood 6

Partner engagement is foundational to the planning process, though successful engagement isn't guaranteed. This session will explore the goals, structure, and membership composition of three long standing DVRPC committees: the Delaware Valley Goods Movement Task Force, Regional Safety Task Force, and Traffic Incident Management Task Forces. The three presenters will discuss pros and cons of their respective committees' approaches to engagement of unique membership bases.

Moderator: Kevin Murphy, Manager, Office of Safe Streets, DVRPC

Presenter: Kristen Scudder, Freight Program Manager, DVRPC

Presenter: Chris King, Manager, Office of Transportation Operations Management, DVRPC

31. Leveraging the World Cup as Transportation's Signature Moment

(P) Room: Wildwood 12-13

The World Cup is not just a global sporting event; it's a critical opportunity to showcase the pinnacle of transportation innovation and customer experience. This workshop, titled "Leverage World Cup as Transportation's Signature Moment," features insights from experts in customer experience, FIFA, and metropolitan transportation management. Together, they explore how to leverage the World Cup as a catalyst for transformative improvements in transportation systems and experiences.

Moderator: Liliana Petrova, CCXP, CEO/Founder, The Petrova Experience LLC

Presenter: Lauren LaRusso, Co-Host City Manager and General Counsel, FIFA World Cup 26 New York and New Jersey

Presenter: Aiden O'Donnell, General Manager, New Jersey Airports (EWR & TEB), PANYNJ

Presenter: Hailey Graf, AICP, Infrastructure Planning Manager, Amtrak

32. Are You Compliant With the ADA?

(P) Room: Wildwood 18-19

Transportation is a major component of the Americans with Disabilities Act. This workshop will show you ways to check your agency's policies, procedures and practices to determine compliance with the multiple facets of the law including the provision of service requirements, service animals, ADA complaints, reasonable modification, training to proficiency, service denials, using accessible features, securements, and more.

Moderator: Brian Joseph Miguel, Senior Coordinator Administrator, Local Programs & Community Mobility, NJ TRANSIT

Presenter: Janelle Rivera, Director, Local Programs & Community Mobility, NJ TRANSIT

Presenter: Lea Sheridan, Manager of Quality Assurances & Compliance, Local Programs & Community Mobility, NJ TRANSIT



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33. Taking Action on Safety!

(P) (E) Room: Wildwood 21

Local Safety Action Plans (LSAPs) will soon cover all of New Jersey! This session explores how counties and municipalities are now developing LSAPs to identify pathways to achieving the goal of zero fatal and serious injuries across the transportation system. Participants will engage in discussion on the building blocks of the Safe System Approach, ranging from inclusive team building and leadership to selecting practical safety strategies to put into action.

Moderator: Hon. Charles Kenny, Middlesex County Commissioner and NJTPA First Vice Chair

Presenter: Keith Hamas, AICP, Principal Planner, Safety Planning, NJTPA

Presenter: Francesca Giarratana, PP, AICP, Deputy Director, Dept. of Planning & Business Opportunity, Hudson County

Presenter: Ryan Conklin, PP, AICP, GISP, Assistant Director of Planning, Warren County

34. Impact of Federal Tax Reform: Tax Policies Engineering Firms Should Be Aware Of

Room: Wildwood 23

The new administration has moved quickly regarding federal tax reform. What are the implications for engineering businesses, and what tax policies should businesses keep an eye on? This presentation provides an unbiased and balanced perspective of tax implications to consider.

Presenter: Ryan Williams, CPA, MST, Senior Tax Manager, Withum

35. The New Realities of Commuting – How TMAs/TMOs are Helping Commuters and Employers with the Return to Office

(P) Room: Wildwood 25

As a result of the COVID -19 pandemic, employees work habits have changed dramatically with a substantial number of employees working either part time or full time from home. This has caused dramatic negative impacts on transit ridership and economic activity in our regions' downtowns. Local governments and a growing number of employers have instituted return to office efforts to increase the number of their employees who come into work. One of the biggest obstacles to these efforts is the time and cost of commuting. Transportation Management Associations and Organizations throughout our region in partnership with their respective MPOs work closely with employers to overcome these obstacles to support local business activities. This session will highlight some of the most successful efforts underway.

Moderator: Courtney Reynolds, TDM-CP, Director of Partnerships, Agile Mile, Inc. & Vice President, Association for Commuter Transportation

Presenter: Larry Filler, TDM-CP, President, LF Consulting

Presenter: Cheryl Kastrenakes, Executive Director, Greater Mercer TMA

Presenter: Stacy R. Bartels, Manager, Office of TDM Strategy and Marketing, Delaware Valley Regional Planning Commission

FREE SHUTTLE SERVICES AVAILABLE

The NJ TransAction Conference will provide **FREE** shuttle services between Harrah's, Tropicana, and Caesars between 4 PM to 12 AM for Conference Attendees. (Available Monday, Tuesday & Wednesday)

Shuttles will run every 20 minutes. Conference attendees must either present their name badge or conference bracelet to ride the shuttle.

Shuttle pick up/drop off locations: Harrah's Waterfront Conference Center Entrance ((signs will be posted), Tropicana Valet Door and Caesar's Valet Door.



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8:00 am - 5:00 pm

Registration Kiosks Open (Front of Exhibit Hall)
Waterfront Conference Center - Wildwood Rooms, 1st floor

8:00 pm – 5:00 pm

Exhibit Hall OPENS For All Attendees

8:00 am - 9:30 am

Continental Breakfast in the Rear of the Exhibit Hall

Fresh-Brewed Coffee/Decaffeinated Coffee, Assorted Hot Teas, Chilled Orange Juice, Cranberry Juices, Fresh-Cut Fruit, Seasonal Berries, Assorted Yogurt, Assorted Breakfast Pastries: Muffins, Croissants, Mini Bagels with Spreads.

9:15 am - 6:00 pm

Workshop Sessions

10:00 am – 12:00 pm

North & South Jersey Passenger Advisory Committee Members Meeting in the Sea Isle Board Room (By Invitation Only)

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9:15 am - 10:15 am

36. Locally Speaking: NJTPA Municipal Programs Create Vibrant Places

(P) (E) Room: Wildwood 1-2

Technical assistance programs help communities explore meaningful transportation improvements and place-based strategies...for free! This session highlights federally funded NJTPA municipal programs that include Complete Streets Technical Assistance, Planning for Emerging Centers, and the Vibrant Places Program. The session features real-world municipal examples and covers how the competitive programs are administered.

Moderator: Hon. Bette Jane Kowalski Union County Commissioner and NJTPA Third Vice Chair

Presenter: Blythe Eaman, AICP, Director, Environmental & Sustainability Planning, NJTPA

Presenter: Jesika Tixi, Research Project Coordinator, Rutgers University – Voorhees Transportation Center

Presenter: Paul Mickiewicz, Co-Chair, Verona Township Neighborhood Traffic & Safety Committee

37. The Importance of Pavement Preservation in a Balanced Capital Program

(P) (E) Room: Wildwood 4

Pavement preservation is a critical strategy for maintaining New Jersey's roadways in a cost-effective and sustainable manner. This panel will explore the benefits of proactive preservation methods, which extend pavement life, enhance safety, and reduce long-term maintenance costs. Panelists will discuss key preservation techniques such as slurry seals, micro-surfacing, and chip sealing, highlighting how timely interventions prevent significant roadway deterioration. The discussion will also cover how state and local agencies utilize pavement management systems to guide data-driven decisions, ensuring the right treatments are applied at the right time. This session will provide valuable takeaways for engineers, public works officials, and transportation professionals looking to enhance their pavement preservation programs. Attendees will gain insights into best practices and successful preservation programs that have helped municipalities and agencies across New Jersey improve their pavement conditions and optimize resources.

Moderator: John Case, Vice President, Hawk Strategies

Presenter: Ken Messina, President, Asphalt Paving Systems

Presenter: Hon. John Lanza, Commissioner, Hunterdon County

Presenter: Robert Blight, Executive Director of Pavement & Drainage Mgmt. and Technology, NJDOT

38. Digital Alerting: Integrating First Responders into the Region's Digital Infrastructure

(P) Room: Wildwood 6

DVRPC, in partnership with Haas Alert and Newcom Global, equipped over 450 vehicles, from over 110 first responder agencies, with digital alerting technology. This session will provide an overview of the process, through its numerous setbacks and obstacles, to its successful completion. Already in the hundreds of thousands, the program will likely send out its millionth digital alert to drivers soon after TransAction is complete.

Moderator: Janice Li, PE, ENV SP, Rail & Transit Market Sector Leader – US, Arcadis

Presenter: Justin Neff, Manager, Traffic Management Program, DVRPC



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9:15 am - 10:15 am (Continued)

39. Hudson Tunnel Project Construction Update: Building The Most Urgent Project in the Country

(P) (E) Room: Wildwood 8-9-10

The Hudson Tunnel Project (HTP) broke ground on both sides of the Hudson River in late 2023, and progress continues toward constructing two new rail tracks under the Hudson River into New York Penn Station. In-river activities began in mid-2024, and preparations for tunneling in the New Jersey Palisades and in Manhattan are moving forward. GDC's new Chief Executive Officer, Tom Prendergast, will provide an overview and introduce a panel discussion describing milestones achieved and the work ahead on all contract packages for HTP—putting New Jerseyans to work!

Introduction: Steve Sigmund, Chief Public Outreach Officer, Gateway Development Commission

Moderator: Laura Colacurcio, External Affairs Manager – Gateway Program, Amtrak

Presenter: Tom Prendergast, Chief Executive Officer, Gateway Development Commission

Presenter: Ben Engle, Senior Manager, Program Planning, Gateway Development Commission

Presenter: Derick Hallahan, Assistant Vice President, Major Programs – Tunnels & Systems, Amtrak

Presenter: Representative from NJ TRANSIT

Presenter: Representative from Port Authority of New York & New Jersey

40. Bridging the Gap: How TNCs (Transportation Networking Companies) Can Strengthen County Transportation Services

(P) Room: Wildwood 18-19

By 2034, nearly 20 percent of New Jersey's population will be over the age of 65, placing increased pressure on county transportation services. Limited budgets, unexpected vehicle breakdowns, driver shortages, and spikes in demand can make managing transportation services challenging. Transportation Network Companies (TNCs) like Lyft and Uber can be valuable partners in filling these gaps. This workshop will show how counties have successfully integrated TNCs into their transportation strategies to ensure reliable, cost-effective service during emergencies and high demand periods. Learn practical steps, explore partnership models, financing strategies, and gain insights to strengthen your county's transportation network. Don't miss this opportunity to enhance your emergency preparedness while improving service delivery.

Moderator: Michael M. Vieira, Director of Community Transportation, County of Essex

Presenter: Avnish Gupta, COO & General Counsel, EZ Ride

Presenter: Dominick Azzolini, Director of Community Transportation, County of Bergen

Presenter: James Bonanno, Director of Transportation, City of Asbury Park

41. Enhancing Accessibility and Navigation: The Port Authority of NY & NJ's Transit Tech Lab, Featuring GoodMaps Pilot

(P) Room: Wildwood 21

The Port Authority of NY & NJ, in collaboration with the Transit Tech Lab, is revolutionizing customer experience in transportation through the pilot GoodMaps, an innovative indoor navigation app. Designed to enhance wayfinding and accessibility, GoodMaps provides users, including individuals with accessibility needs, with precise, turn-by-turn directions in complex environments (Transportation hubs, municipal and state government facilities, school campus' etc). This transformative technology is being piloted at Newark Liberty International Airport (EWR) and previously as a proof-of-concept with the PATH transit system, focusing on improving mobility, independence, and inclusivity for all travelers. Join us as we share how this cutting-edge project is shaping the future of navigation in transportation hubs, addressing critical accessibility needs, and setting a World-Class standard for all customers across the transportation industry.

Presenter: LaTisha Smith, PA TTL Project Manager & Subject Matter Expert, Port Authority of NY & NJ

Presenter: Tiffany Chan, Manager, Airport Operations, EWR, Port Authority of NY & NJ



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9:15 am - 10:15 am (Continued)

42. Asset Management and Predictive Maintenance: Unlocking Efficiency Through Data-Driven Strategies

(P) (E) Room: Wildwood 23

This panel will explore how agencies can transform their asset management strategies using predictive analytics and historical data. By leveraging advanced modeling techniques, public agencies can anticipate asset degradation, forecast failure risks, and optimize maintenance schedules—ultimately preventing costly breakdowns, extending asset lifespans, and improving overall system reliability. Experts will share real-world applications, best practices, and insights on integrating data-driven decision-making into maintenance programs to drive efficiency and resilience in public infrastructure.

Moderator: Joseph M. Marchiava, AIA, Digital Development Manager, STV

Presenter: Mark McElroy, Director of Digital Solutions, STV

Presenter: Jack Wilde, Vice President of Strategic Analytics, New York City Economic Development Corporation

Presenter: Robert Kumapley, PE, MASCE, LEED AP, Chief of Enterprise Asset Management, Port Authority of New York & New Jersey

10:15 am - 10:45 am No Workshop Sessions, Visit Exhibit Booths

10:45 am - 11:55 am

43. Funding Opportunities and Insights for Advancing Shared Use Paths, Trails, and Greenways in New Jersey

(P) Room: Wildwood 1-2

Trail networks in New Jersey offer transformative opportunities for healthier, safer, and more connected communities. This session explores findings from a recent report on federal and state funding programs, County Open Space Trust Fund opportunities, and comparisons of New Jersey's trail development processes with those of neighboring states. Attendees will gain insights into best practices for trail and shared-use path development, along with strategies for navigating diverse funding approaches.

Moderator: Zeke Weston, Policy Coordinator, New Jersey Future

Presenter: Paul Gleitz, Supervisor, Land Preservation and Planning, Monmouth County Park System

Presenter: Elizabeth Dragon, Assistant Commissioner, Community Investment and Economic Revitalization, New Jersey Department of Environmental Protection

Presenter: Tiffany Robinson, Trails Network Manager, New Jersey Bike & Walk Coalition

Presenter: Rebecca Levitsky, Master's Degree Student, Bloustein School of Planning and Public Policy, Rutgers, The State University of New Jersey

Presenter: Laine Rankin, Assistant Commissioner of Local Resources and Community Development, New Jersey Department of Transportation

Wednesday All Day Beverage Station

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10:45 am - 11:55 am (Continued)

44. Catching up with the NJ MPO Executive Directors

(P) Room: Wildwood 4

This high-level session, moderated by the executive director of the Voorhees Transportation Center at Rutgers University, brings together New Jersey's three MPOs: the North Jersey Transportation Planning Authority (NJTPA), the Delaware Valley Regional Planning Commission (DVRPC), and the South Jersey Transportation Planning Organization (SJTPO). The executive directors of all three MPOs will engage attendees as they interactively address common issues, opportunities, and challenges regarding transportation planning in the state. Submit your questions to the NJTPA booth in the expo hall or bring them to the session!

Moderator: Leigh Ann Von Hagen, Executive Director, Rutgers University, Voorhees Transportation Center

Presenter: David W. Behrend, AICP, Executive Director, NJTPA

Presenter: Ariella Maron, Executive Director, DVRPC

Presenter: Jennifer Marandino, PE, Executive Director, SJTPO

45. NJ DOT and the I-Bank: A Partnership in Savings

(P) Room: Wildwood 6

Learn how the I-Bank's low-cost funding helps Local Government Units maximize savings when financing transportation projects. This presentation covers borrower and project eligibility, funding opportunities, program timelines, budget benefits, and case studies. Discover how NJ-Moves, an online application platform, streamlines the process to decrease annual budget costs and deliver savings for ratepayers through the Transportation Bank's short- and long-term programs.

Presenter: Melinda Roslon, Transportation Bank Project Manager, NJ I-Bank

Presenter: Brian Wirtz, Project Management Specialist 1, Local Aid Division, NJDOT

46. Building Bridges Toward Regional Growth: Amtrak's Gateway Program

(P) (E) Room: Wildwood 8-9-10

The Gateway Program is a series of infrastructure projects that will modernize Amtrak's Northeast Corridor, adding needed resiliency and creating the capacity for a doubling of passenger trains under the Hudson River into New York Penn Station. Key components of the Gateway Program are the bridge structures that span the ten-mile stretch of territory between Newark, NJ and New York, NY. This panel will take a deep dive into the planning, project delivery methodology, construction status, and regional impact of the major bridge projects underway in the Gateway territory including Portal North Bridge and the Sawtooth Bridges Replacement.

Moderator: Jason Hoover, Assistant Vice President, Major Programs – Bridges, Amtrak

Presenter: Wisam Kaskas, Project Director, Sawtooth Bridges Replacement, Amtrak

Presenter: Ashok J. (AJ) Nayee, Project Director, Portal North Bridge, Amtrak

Presenter: Mehmet Oztekin, Senior Construction Program Manager, Portal North Bridge, NJ TRANSIT

47. South Jersey Transportation Authority-Now and Beyond

(P) Room: Wildwood 12-13

South Jersey Transportation Authority (SJTA) providing the traveling public with safe and efficient transportation in the southern 6 counties through Atlantic City Expressway, Transportation Services, or Atlantic City International Airport. Check out what is happening at SJTA now and into the future.

Moderator: Zoe Baldwin, Vice President, State Programs, Regional Plan Association

Presenter: Stephen F. Dougherty, Executive Director, SJTA

Presenter: Daniel C. Corrigan Jr., PE, CME, Chief Engineer/Director of Engineering, SJTA

Presenter: Karen Coughlin, Director of Tolls, SJTA

Presenter: Dominic D'Amico, Director of Transportation Services, SJTA

Presenter: Tim Kroll, IAP, Airport Director, Atlantic City International Airport, SJTA



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10:45 am - 11:55 am (Continued)

48. Updating Your Drug-Free Workplace Policies and Procedures: Addressing Marijuana Legalization & the Opioid Crisis from a Workplace Perspective

(P) Room: Wildwood 18-19

The Workshop will address recent legal and legislative developments related to maintaining a healthy, safe and drug-free workplace. Topics covered will include legalization of marijuana, the opioid crisis, supervisory training, employee education and drug-testing policies and procedures.

Presenter: Angelo Valente, Executive Director, The Partnership for a Drug-Free New Jersey

Presenter: Bill Lillis, CPS, Drug-Free Workplace Coordinator, The Partnership for a Drug-Free New Jersey

49. Advancing Truck Safety: NJDOT Implementation of Truck Parking Management and Truck Driver Alerting System

(P) (E) Room: Wildwood 21

This panel will discuss NJDOT Pilot Tests of Truck Parking Information System (TPIS). The American Trucking Associations and Owner-Operator Independent Drivers Association wrote a letter to USDOT earlier this year citing that 98 percent of truck drivers report problems finding safe parking. As a result, many state departments of transportation have engaged in a variety of truck parking expansion efforts in recent years. Despite having approximately 2,915 truck parking spaces available in New Jersey, there is also an obvious shortage of truck parking in the Garden State. In 2021, ITS Technologies deployed sensors and cameras at the Harding Truck Rest Area and recently, in November of 2023, they deployed sensors and cameras at Deepwater Truck Rest Area in Carney's Point.

Moderator: Vandana Mathur, Supervisor, Mobility Planning and Research Unit, NJDOT

Presenter: Konstantinos Kyros, Analyst Trainee, Mobility Planning and Research Unit, NJDOT

Presenter: Kimberly Ferguson, Administrative Analyst 1, Mobility, NJDOT

50. Utilities and the Transportation Project – Bridging the Gap - Observations, Lessons Learned, and Solutions.

(P) (E) Room: Wildwood 25

This session will provide a historical perspective how transportation agencies, utility companies, and consultants each perceive the utility process observations and lessons learned while working “on both sides of the fence” (representing both transportation agencies and utility companies); and the effect the needs and requirements of the respective organizations have on the transportation project and utility process. Solutions and Tools to successfully bridge-the-gap between the transportation agency and utility companies will be presented. The presentation will also include a summary of how an identification of a “missing civil engineering discipline” contributed to the creation of ASCE’s Utility Engineering and Survey Institute (UESI).

Presenter: Drew Markewicz, P.E., PMP, Director Highways & Utilities, Senior Project Manager, NV5



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12:00 pm - 1:30 pm Sumptuous Luncheon Buffet (Avalon Room – 2nd Floor – Follow Sigs)

Opening Remarks: Michael M. Vieira, Conference Vice-Chair

Frank Reilly, Conference Chairman

Master of Ceremonies: Anthony Attanasio, CEO, Hawk Strategies

Remarks by: Honorable Francis K. O'Connor, NJ DOT Commissioner

Honorable Chris Kolluri, President & CEO, NJ TRANSIT

Liam McQuat, Vice President, Engineering Services, Amtrak

Tom Prendergast, Chief Executive Officer, Gateway Development Commission

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1:45 pm - 2:45 pm

51. Reimagining Multi-Modal Centers

(P) Room: Wildwood 4

Transit agencies have the opportunity to address declining revenue trends and explore sustainable revenue streams alongside rider fares through transit-oriented development (TOD) at transit stations. This session will highlight TOD projects being undertaken in New Jersey and Pennsylvania that provide the potential for joint development and equitable and sustainable community development around transit centers to allow more people to live and work near high-quality transit.

Moderator: Alexis Williams, AICP, PP, Principal/Planning Department Manager, STV

Presenter: Megan Massey, AICP, PP, Director, Transit Friendly Planning, NJ Transit

Presenter: Ken Starr, Manager, Joint Real Estate Development, SEPTA

52. Freight Railroads role in sustaining the growth in construction of residential and commercial properties and accompanying infrastructure in South Jersey

(P) Room: Wildwood 6

Listen to a Major Pennsylvania based Aggregate Supplier and his customer in South Jersey talk about demand, supply and the hurdles (rail-regs-etc.) to be addressed.

Moderator: Steve Sweeney, Former NJ Senate President

Presenter: Lee Shelly, Manager Construction Materials, H&K Group - Skippack, Pa

Presenter: Joe Taylor, Sales, HK Group - Skippack, Pa

53. TransAction VIP Panel: A Transportation Road Map for New Jersey's Next Gubernatorial Administration

(P) Room: Wildwood 8-9-10

2025 is a pivotal year for New Jersey. Governor Murphy is in the final year of his second term, and the Garden State will be electing a new Chief Executive. As the most densely populated state in the country, and one that continues to grow in population, the constant demands placed on our state's roads, rail and bridges would be enough of a challenge for any future Governor, but that is not the case. We are also a host state for the Gateway Program, home of the 2026 FIFA World Cup Finals, currently designing the Turnpike's Interchange 1-4 Widening program and so much more. The next administration will need guidance from the transportation community on how to tackle all these challenges, and that is what this workshop aims to do. Come hear from several experts from the transportation community including construction industry leadership, former agency leaders, engineering industry subject matter experts, community transportation providers and more. This workshop will aim to discuss the most pressing transportation issues facing New Jersey and will share the ideas that come from the workshop with all the leading candidates running for Governor.

Moderator: Anthony Attanasio, CEO, Hawk Strategies

Presenter: Bob Briant, CEO, Utility & Transportation Contractors Association

Presenter: Zoe Baldwin, Vice President, State Programs, Regional Plan Association

Presenter: Sam Donelson, Executive Vice President, Chief Executive, US East & Latin Americas, AECOM



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1:45 pm - 2:45 pm (Continued)

54. Managing Customer Complaints in Transportation

(P) Room: Wildwood 18-19

Managing customer complaints in transportation is both a form of customer service as well as potentially resolving any issues that could lead to discrimination. In this workshop we will discuss promptly acknowledging complaints, actively listening to the customer's concerns, offering a fair solution, following up to ensure satisfaction, and using the feedback to identify and address root causes to prevent future issues, all while maintaining open communication and prioritizing customer satisfaction; key steps include: acknowledging the complaint quickly, gathering details, apologizing when necessary, providing a solution, and following up with the customer to ensure the issue is resolved.

Moderator: Lisa Tulley, Manager, Local Programs & Community Mobility, NJ TRANSIT

Presenter: Janelle Rivera, Director, Local Programs & Community Mobility, NJ TRANSIT

Presenter: Lea Sheridan, Manager of Quality Assurances & Compliance, Local Programs & Community Mobility, NJ TRANSIT

55. Advancing Fire Safety in Battery Electric Buses (BEBs) and Battery Energy Storage Systems (BESS)

(P) (E) Room: Wildwood 21

Electric transit fleets promise a cleaner future, but safety risks like thermal runaway require urgent attention. A 2023 battery fire in Connecticut underscored these dangers, driving the industry to strengthen safety measures—from advanced facility designs to improved protocols. This session will also explore battery technologies that are under development or in production that offer safer alternatives to lithium-ion for BESS.

Moderator: Stephen Jang, AIA, MBA, Principal Project Manager and Newark Office Principal, Gannett Fleming TranSystems.

Presenter: Erik, Belmont, PMP, ENV, Project Manager, Gannett Fleming TranSystems.

Presenter: Mike Morrissey, PE, FPE, MBA, CFPS, CPD, Mechanical Engineering Practice Leader, Gannett Fleming TranSystems.

Presenter: Denny Finnerin, PE, PMP, TSSP, Assistant Director, Security and Safety, Gannett Fleming TranSystems.

Presenter: Warran Berry, Director Zero Emission Systems Planning, NJ TRANSIT

56. Major Bridge Crossings over Water: Environment, Design, and Construction

(E) Room: Wildwood 23

1. Environmental management of the Delaware River Joint Toll Bridge Commission's Scudder Falls Bridge Project. This presentation will focus on the coordination process, management measures and their implementation for peregrine falcon, shortnose sturgeon, freshwater mussels, eastern red bellied turtles, and bats.

Presenter: Rebecca Lyne, PWS, CE, Director of Quality Management/ Environmental Technical Manager, Michael Baker International, Inc.

2. Update on the Parsons' design and procurement update on New Jersey Turnpike's Newark Bay Bridge Main span.

Presenter: Tom Spoth, PE, Senior Vice President, North America Bridge Practice Lead, Parsons

3. The Benjamin Franklin Bridge Rehabilitation of Suspension Spans and Anchorages consists of five separate design projects combined together into one construction project. This presentation will discuss the work including: dehumidification of main cables, steel repairs and maintenance painting, rehabilitation of north and south walkways, decorative lighting upgrades, and widening of the north walkway in Camden.

Presenter: Josh Pudleiner, PE, Associate Vice President, Complex Bridge Preservation Practice, AECOM



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1:45 pm - 2:45 pm (Continued)

57. Lights, Traffic, Action! Traffic Signal Insights - An Interactive Discussion

(P) (E) Room: Wildwood 25

Join a panel of experts for an engaging session that explores the challenges and opportunities in traffic signal management. We'll dive into key topics like overcoming implementation and maintenance roadblocks, coordinating signals across jurisdictions for seamless flow, and leveraging emerging technologies to enhance performance and reduce costs. This interactive discussion will provide actionable insights, foster collaboration, and help local agencies improve traffic signal systems for better efficiency and safety. Don't miss out on this chance to share ideas and learn from your peers!

Moderator: Andy Kaplan, PE, PTOE - Manager, North Jersey Transportation Planning Authority

Moderator: Brad Miller, PE, PP, PTOE, LEED AP, President of ITE-Met Section & Traffic Engineering and ITS Department Manager, Michael Baker International

Presenter: Uzo Ahiarakwe, PE, PLS, PP, CME, City Engineer, Atlantic City

Presenter: Andras Holzmann, AICP, PP, Planning Director, Passaic County

Presenter: Chris King, President of ITS-NJ & Manager, DVRPC Office of Transportation Operations Management

Presenter: Drew McKiernan, IMSA III, Secretary, IMSA NJ & Client Service Leader, CDM Smith

Presenter: Vichika Iragavarapu, PE, PTOE, RSP2, Lead Traffic Engineer, WSP

2:45 pm - 3:45 pm

No Workshops, Visit Exhibits in Exhibit Hall.

Exhibit Hall Open all afternoon until 5:00pm.

3:50 pm - 4:50 pm

58. Building Bridges Early: How Student Involvement Shapes Future Engineers and Strengthens Firms

(P) Room: Wildwood 4

American Society of Highway Engineers (ASHE) Education Committees are critical to the success of ASHE Sections. They allow for a series of initiatives, including the formation and sustainability of student chapters and the development of initiatives such as student chapter competitions. Student chapters of ASHE play a critical role in preparing the next generation of professionals for the workforce by providing students with hands-on experience, networking opportunities, and exposure to industry leaders. These chapters foster collaboration, leadership, and technical skills, which are essential for success in the highway engineering field. Through participation in ASHE, students not only gain practical knowledge but also build a strong professional network that often leads to internships and full-time positions post-graduation. The growth of ASHE student chapters each year reflects the increasing demand for skilled professionals and the value these chapters provide in shaping well-rounded, industry-ready graduates.

Moderator: Richard Grubb, Vice President, Richard Grubb & Associates, Inc.

Presenter: Godfrey L Joyner III, PE, KMA Consulting Engineers, Inc., ASHE SNJ Education Committee Chair

Presenter: Joseph A Vitale, T&M Associates, ASHE NCNJ Education Committee Chair



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3:50 pm - 4:50 pm (Continued)

59. Bridging the Gap: How to Connect Residents to Warehouse Job Opportunities in Mercer County

(P) Room: Wildwood 6

The growth of warehouse development in New Jersey has reshaped the employment landscape, providing many residents new economic opportunities. However, it has also created a new challenge: How do we connect residents to these jobs in often hard-to-reach areas? DVRPC and Mercer County, with the help of students from Rutgers's Bloustein School, explored ways to close this access gap and improve job connectivity, with a particular focus on the City of Trenton and Greater Mercer County.

Moderator:

Presenter: Christopher Mulroy, MCRP, Transportation Planner, DVRPC

Presenter:

Presenter:

Presenter:

60. Moving Forward... Agency Actions (Part 1 of 2)

(P) Room: Wildwood 8-9-10

How are agencies playing a role in keeping people and goods moving in safe, efficient, and reliable manner? Join us for a discussion about major capital investment at the NJDOT, NJ TRANSIT, NJ Turnpike, South Jersey Turnpike Authority, and PANYNJ. Come learn about major initiatives, project delivery, partnerships and what is on the horizon.

Moderator: Jacqueline Rooke, President, WTS New Jersey

Moderator: Kyrra Hana Mosely, Vice President, WTS New Jersey

Presenter: Parth Oza, Assistant Commissioner, Capital Program Management, NJDOT

Presenter: Jennifer Buisson, Assistant Director of Capital Planning, NJ TRANSIT (*Requested*)

Presenter: Dan Hesslein, Chief Engineer, NJ Turnpike Authority

Presenter: Daniel Corrigan, Chief Engineer / Director of Engineering, South Jersey Transportation Authority

Presenter: Rizwan Baig, Chief Engineer, PANYNJ (*Requested*)

61. The History of Railroading in the Northeast United States

(P) Room: Wildwood 12-13

Discussion of railroading ...past...present and future. Senior professionals in the Rail Freight industry talk about the evolution of RR'ng back in the days of the Pennsylvania RR, Reading RR, Erie and others into what the railroad industry is today and what the future holds.

Moderator: Bob Bailey, President, New Jersey Railroad Association

Presenter: Paul Catania, President, Reltek Corporation (formally of CONRAIL's Real Estate Office)

Presenter: Anne Strauss Weider, Consultant, (formally of the Port of NY & NJ, NJTPA and CONRAIL)

62. Growing Your Transit Service - Practical Considerations - Customer Service & What Passengers Expect (Part 1 of 2)

(P) Room: Wildwood 18-19

What do customers want, expect and need from their Transit Service provider. All passengers expect services to be Reliable, Safe, Convenient, Clean, Understandable, Affordable and operated by Friendly and Empathetic people. Transit providers need to be close to the customer and look through the eyes of the customer to serve them with dignity and respect.

Presenter: Michael Noel, Noel Training & Consulting, LLC

Presenter: Dan Mulraney, Mulraney Training and Consulting, LLC



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NJ TransAction Conference Program Schedule and Workshop Sessions

Wednesday, April 16, 2025

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3:50 pm - 4:50 pm (Continued)

63. Transforming the Passenger Experience: The Port Authority of NY & NJ's Transit Tech Lab, Featuring Convo Communication - Deaf-Led Sign Language Interpreting Services

(P) Room: Wildwood 21

The Port Authority of NY & NJ is committed to improving its customer experience for passengers with hearing disabilities by exploring innovative American Sign Language (ASL) technologies in collaboration with Convo Communications, a Deaf-owned company. The Port Authority is offering on-demand remote video ASL interpreting services through the Convo Now app. Passengers can access this service by scanning Convo-issued QR codes placed throughout the Port Authority Bus Terminal, enabling real-time communication with Port Authority employees, PAPD police, and contractors.

Presenter: Lauren Balliet, PA TTL Project Manager, Port Authority of NY & NJ

Presenter: Natasha Jean Philipp-Cumberbatch, PA TTL, Project Manager, Port Authority of NY & NJ

Presenter: Ocean Stokes, PA TTL Project Manager, Port Authority of NY & NJ

Presenter: Christine Firkins, Sr. Partner Executive, Convo Communications

64. Emergency Replacement: Weldon Road Bridge over Route 15

(P) (E) Room: Wildwood 23

The Weldon Road bridge over NJ Route 15 featured a two-span, simply supported composite steel plate girder and concrete deck superstructure. On December 20, 2020, NJDOT discovered multiple through-cracks in girders over the southbound lanes and immediately closed Weldon Road and southbound NJ Route 15. On-call maintenance contractors began fabrication of shoring to support the damaged girders over the southbound lanes and NJDOT re-opened one lane to traffic on southbound Route 15 two days later. Michael Baker provided emergency roadway and structural design to expedite demolition of the damaged portion, reopen Weldon Road to traffic, and then design a replacement superstructure through a hybrid Preliminary Engineering/Final Design process.

Moderator: Robert Vincent, P.E., Assistant Highway Department Manager, Michael Baker International

Presenter: Emanuel Rodriguez, P.E., Project Engineer-Structures, Michael Baker International

65. New Jersey Weather Savvy Roads: NJDOT Innovating Road Weather Management Program (or Pilot) Using IoT and CV Technology

(P) (E) Room: Wildwood 25

This panel will discuss this project which is sponsored by the USDOT's Accelerated Innovation Deployment (AID) Program, as implementation of EDC 4 "Weather Savvy Roads Integrating Mobile Observations (IMO)" innovation. The equipment is installed by the New Jersey Institute of Technology (NJIT) who is contracted by NJDOT. Through the use of sensors and cameras, this program is designed to provide real-time situational awareness during adverse weather conditions or other major events that could disrupt safe travel on NJDOT's roadways. For the pilot, the equipment is installed in the vehicles of NJDOT's Safety Service Patrol (SSP)/Incident Management Response Team (IMRT) and Operations Personnel. Every vehicle has a Computer, Vaisala MD 30 Road Weather Sensor, Wireless Router, and a road facing camera

Moderator: Vandana Mathur, Supervisor, Mobility Planning and Research Unit, NJDOT

Presenter: Thomas Murphy, Administrative Analyst 2, Mobility Planning and Research Unit, NJDOT

Presenter: Osvaldo, Martinez-Pineda, Analyst Trainee, Mobility Planning and Research Unit, NJDOT

Presenter: Branislav Dimitrijevic, Assistant Professor, PhD, NJIT



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5:00 pm - 6:00 pm

66. Smart Investment in Regional Rail: Major Capital Projects for NJ Commuters

(P) Room: Wildwood 1-2

Across New Jersey and our neighboring states, major construction in support of public transit and regional transportation are underway. Nowhere are these investments more exciting than on our rail network, where projects are putting New Jerseyans to work here in this state and across the Hudson River in New York while driving transformation in the way we move about our region. This panel will discuss strategic investments across Amtrak and NJ TRANSIT that have national significance.

Moderator: Zoe Baldwin, Vice President, State Programs, Regional Plan Association

Presenter: Sara Appleton, Assistant Project Director – Gateway Program, Amtrak

Presenter: Marie Corrado, Executive Leader for the NJ TRANSIT NEC Service Area Infrastructure Renewal, Amtrak

Presenter: Todd DiScala, Senior Director, Trans-Hudson and Intermodal Planning, NJ TRANSIT

Presenter: Joseph Quinty, Senior Director, NEC Coordination & Planning, NJ TRANSIT

67. Improving Traffic Safety Through AI-Assisted Near Miss Analysis

(P) (E) Room: Wildwood 4

The increase in road user fatalities, particularly bicycles and pedestrians, has reached critical levels. Historically, problem locations where engineering solutions are needed have been difficult to identify, as they rely on historic crash data. One longstanding technique used in traffic safety has been conflict or near miss analysis (since only a small portion of near misses become actual crashes). This type of analysis has historically been labor intensive, and thus expensive. Several products have recently entered the market place that utilize AI algorithms to detect near misses from video feeds – thereby reducing the costs of near miss analysis. Several companies have been actively using this technology for real life case studies to enhance safety. This session will include presentations from three companies that are actively using this technology – Quality Counts, LLC, Transoft Solutions, and MioVision.

Moderator: Gordon E. Meth, P.E., PTOE, PTP, RSP2I, Civil Engineer & Highway Engineering Expert, Robson Forensic

Presenter: Matthew Maher, P.E., Principal, Stantec

Presenter: Preston W. Hitchens, Senior Business Development Manager, Quality Counts, LLC

Presenter: Michael Griffith, Senior Advisor, Transoft Solutions

Presenter: Olivia Babcock, Solutions Engineer, MioVision

68. Beyond the Ride: Unlocking Safety, Funding & Recognition Through Community Engagement & Partnerships

(P) (E) Room: Wildwood 6

Bike and Pedestrian Safety Programs, including Bike Rodeos, Learn-to-Ride Classes, and Safety Presentations, offer valuable learning experiences for youth and families. Discover how community engagement and partnerships can transform these bike and pedestrian programs into catalysts for safer streets, funding opportunities, and public recognition. Learn about innovative initiatives like speed studies, demonstration projects, and air quality monitoring that have driven success in municipalities such as Red Bank, Orange Township, and Washington Township (Bergen County). Leave equipped with actionable strategies to enhance safety, secure funding, and build stronger community alliances.

Moderator: Lisa Lee, Director of Sustainability Programs, EZ Ride

Presenter: Nancy Facey-Blackwood, Council Member, Borough of Red Bank

Presenter: Laquana Best, Assistant Business Administrator and Director of Planning & Economic Development, City of Orange Township

Presenter: Mike Dannemiller, West Orange Pedestrian Safety Advisory Board & Supervising Engineer, Middlesex County Planning



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5:00 pm - 6:00 pm (Continued)

69. Moving Forward... Agency Actions (Part 2 of 2)

(P) Room: Wildwood 8-9-10

How are agencies playing a role in keeping people and goods moving in safe, efficient, and reliable manner? Join us for a discussion about major capital investment at the NJDOT, NJ TRANSIT, NJ Turnpike, South Jersey Turnpike Authority, and PANYNJ. Come learn about major initiatives, project delivery, partnerships and what is on the horizon.

Moderator: Jacqueline Rooke, President, WTS New Jersey

Moderator: Kyrra Hana Mosely, Vice President, WTS New Jersey

Presenter: Parth Oza, Assistant Commissioner, Capital Program Management, NJDOT

Presenter: Jennifer Buison, Assistant Director of Capital Planning, NJ TRANSIT (*Requested*)

Presenter: Dan Hesslein, Chief Engineer, NJ Turnpike Authority

Presenter: Daniel Corrigan, Chief Engineer / Director of Engineering, South Jersey Transportation Authority

Presenter: Rizwan Baig, Chief Engineer, PANYNJ (*Requested*)

70. Complete Readiness for Complete Streets Success

(P) (E) Room: Wildwood 12-13

New Jersey has emerged as a national leader in Complete Streets, with the NJDOT policy recognized as a national model in 2020. However, despite growing municipal commitments, implementation remains a challenge. This session will highlight the opportunities each municipality has to accelerate the implementation of Complete Streets, making streets safer and greener for all people and transportation modes. Speakers from the three MPOs will showcase successful collaborations, sharing insights on the specific programs within their region, and how your municipality can enhance safety, accessibility, and sustainability in your community.

Moderator: Leigh Ann Von Hagen, AICP, PP, Executive Director Voorhees Transportation Center at Rutgers University's Bloustein School of Planning and Public Policy

Presenter: Jennifer Marandino, P.E., Executive Director, SJTPO

Presenter: Spence Gober, AICP, Manager, Office of Community and Economic Development, DVPRC

Presenter: Peter Bilton Manager, Sustainable Transportation Planning, NJTPA

71. Growing Your Transit Service - Practical Considerations - De-escalating Stressful Situations with Passengers (Part 2 of 2)

(P) Room: Wildwood 18-19

How do you de-escalate difficult, challenging, disappointed and angry riders both on the phone and on the buses. This session will include a 3-step process to (1) Validate, (2) Find Options and (3) Allow for choice when dealing with difficult customers. Also, practical advice and best practices that have the potential to increase ridership through improved messaging.

Presenter: Michael Noel, Noel Training & Consulting, LLC

Presenter: Dan Mulraney, Mulraney Training and Consulting, LLC



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5:00 pm - 6:00 pm (Continued)

72. MS4 Permitting, A Deeper Dive into Stormwater Regulations

(E) Room: Wildwood 21

Stormwater Management Programs are essential due to development within the State and navigating the regulations can be challenging. The State's Department of Environmental Protection is tasked by the US Environmental Protection Agency (EPA) with ensuring responsible development is taking place within NJ, NY and PA through a variety of rules, including those outlined in the National Pollutant Discharge Elimination System (NPDES) Municipal Storm Sewer System (MS4) permit requirements. Join our team of experts as they host a panel discussion on the topic of MS4 regulations and permitting, intergovernmental collaboration, asset inventory and data collection, and watershed protection. Gain knowledge of tools that are available from the NJDEP and PADEP and what it takes to be a successful steward of MS4.

Moderator: Nicole Khan, Principal/Senior Municipal Engineer, WK2 Consulting LLC

Presenter: Marisa Sapiezynski, WPIT, Environmental Services Manager, WK2 Consulting LLC

Presenter: John Chaykowski, Director of Administration, Bensalem Township, PA

Presenter: Beth Uhler, Pennsylvania Director, Center for Watershed Protection

Presenter: Anthony Falcone, Senior Project Manager, HDR

Presenter: Francisco Brillhante, Senior Project Manager, HDR

73. Bats and Bridges, How to avoid delays on your next bridge project.

(P) (E) Room: Wildwood 23

Bats play a vital role in ecosystems, using various habitats like trees, rock crevices, and man-made sites for roosting. The USFWS Survey Guidelines and NJ State requirements emphasize the importance of surveying transportation structures for bats during project planning. This helps identify avoidance and minimization measures, reduces on-site conflicts, and aids in bat conservation. Join McCormick Taylor's biologists, who inspected over 140 bat bridges in 2024, to learn about species-specific roosting habits and detection methodologies.

Presenter: Robert "Bo" Petrillo, QBTS,PWS,CE, Manager, Environmental Services, McCormick Taylor

Presenter: Garrett Harris, AWB, QBS, Wildlife Biologist, McCormick Taylor

FREE SHUTTLE SERVICES AVAILABLE

The NJ TransAction Conference will provide **FREE** shuttle services between Harrah's, Tropicana, and Caesars between 4 PM to 12 AM for Conference Attendees. (Available Monday, Tuesday & Wednesday)

Shuttles will run every 20 minutes. Conference attendees must either present their name badge or conference bracelet to ride the shuttle.

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6:00 pm - 9:00 pm **Wednesday Evening Networking Reception – Inside the Harrah’s Pool**

Reception Theme – **BEACH DAYS**

We encourage our Reception Attendees to dress casual ... Maybe even in your beach wear

Open to ALL Registered Conference Attendees

You **MUST** wear either your Name Badge or Conference Bracelet

6:00 pm - 9:00 pm - Networking Reception Inside the Harrah’s Pool

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7:30 am - 11:30 am

Registration Kiosks Open (Front of Exhibit Hall)
Waterfront Conference Center - Wildwood Rooms, 1st floor

8:00 am - 9:00 am

Continental Breakfast in Middle of Exhibit Hall

Fresh-Brewed Coffee/Decaffeinated Coffee, Assorted Hot Teas, Chilled Orange Juice, Cranberry Juices, Fresh-Cut Fruit, Seasonal Berries, Assorted Yogurt, Assorted Breakfast Pastries: Muffins, Croissants, Mini Bagels with Spreads.

8:45 am - 12:40 pm

Workshop Sessions

11:30 am

Buffet Deli Meat Platters, Salads, Beverages & Desserts

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FREE Thursday Private Luggage/Coat Check for NJ TransAction Attendees

Open From 7:00 am to 2:00 pm

Now you can stay for ALL the Thursday workshop sessions. Check out of your hotel room either before the Thursday workshop sessions begin or during the break between 9:45 am to 10:30 am and bring your luggage (or have a bellhop bring it) to the Exhibit Hall. NJ TransAction has made arrangements with Harrah's to have our very own private and FREE Bellhop Service and Luggage/Coat Check.

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(E) = Engineering PDH Credits

8:45 am - 9:45 am

74. What does Clean Transportation Mean For My Community? * Eligible for AICP Law CE Credits

* (P) Room: Wildwood 1-2

Clean Transportation can be more than converting government fleets to zero emission vehicles. Clean Transportation options can include charging stations for residents, engaging E-Mobility options, creating safe bike and walk paths and working with local businesses to encourage zero emissions options. Learn about how to think creatively about Clean Transportation options, strategies for fleet conversion, available funding, what the next steps can be and get feedback on how to best meet the transportation needs of your residents.

Moderator: Zoe Baldwin, Vice President of State Programs, Regional Plan Association (RPA)

Presenter: Regine Delcy, PP, AICP, Principal Planner, Mercer County Office of Planning

Presenter: Peg Hanna, Director of Climate Change Mitigation and Monitoring, NJDEP

Presenter: Laura Fenster Rothschild, Managing Director, Johnson Center for Learning & Impact, Isles

Presenter: Aviv Bernstein, Clean Transportation Programs Coordinator, NJBPU Clean Energy

75. Best Practices for Improving Traffic Crash Data in New Jersey

(P) (E) Room: Wildwood 4

This session focuses on best practices in crash data quality, recognizing six key attributes identified by NHTSA: accuracy, uniformity, accessibility, timeliness, integration, and completeness. Bringing together researchers, law-enforcement, and medical experts, we will discuss the accessibility and the availability of crash data nationwide, challenges and solutions to data collection and training, and the importance of crash and medical data integration. Our findings will provide guidance for policymakers and experts to enhance crash data accessibility and support Vision Zero initiatives.

Presenter: Hannah N. Younes, PhD, Senior Research Specialist, Alan M. Voorhees Transportation Center, Bloustein School of Planning and Public Policy, Rutgers, The State University of New Jersey

Presenter: David Guinan, Unit Head, Safe Corridor Unit, NJ State Police

Presenter: Sara A. Freed, PhD, Clinical Research Associate, Center for Injury Research and Prevention, Children's Hospital of Philadelphia

76. What does the law say about Bicyclists and Pedestrians in NJ?

(P) Room: Wildwood 6

More people are biking and walking in our communities. Bicycle and pedestrian laws are not well understood, but it is essential that planners, engineers, and community decision makers get a better understanding of them since they can affect safety initiatives, livability, and policies and designs. This session will be a review of Title 39 which is the statute that contains the key laws that dictate the rights, duties, and responsibilities of pedestrians, bicyclists, and motorists towards each other and on our roadways. This session will educate the audience on the topics, provide some plain language interpretation and will dispel myths and misconceptions about who is allowed to do what on our roads.

Presenter: Ranjit Walia, PP/AICP, Founder/CEO, Civic Eye Collaborative

77. Trans-Hudson Network Planning Strategy

(P) Room: Wildwood 12-13

The panel will present initiatives aimed at addressing changing trans-Hudson travel demand in New York City and Northern New Jersey. These initiatives address capacity challenges, maintaining and growing transit ridership post-COVID, and mitigating impacts from the Gateway Program and PABT Redevelopment. The findings include a planning framework developed to assess actionable, near-term and long-term initiatives, as well as priorities for enhancing the trans-Hudson travel market.

Moderator: Cailean Kok, AICP, Transportation Planning Manager, NJ TRANSIT

Presenter: Christopher Lee, AICP, Transportation Planner, AECOM

Presenter: Joe Sperrazza, AICP, Transportation Planner, AECOM

Presenter: Grant King, Facilities Planner, NJ TRANSIT

Presenter: Ian Leidner, AICP, Transportation Planner, VHB



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8:45 am - 9:45 am (Continued)

78. Building A Transit Safety Culture - Before Things Happen (Part 1 of 3)

(P) Room: Wildwood 18-19

Transit providers need to understand Safety Management Systems (SMS) and learn to apply resources to risk. It begins with hiring the right people, training them to proficiency, having proactive safety policies, understanding the effects of fatigue, tracking and trending safety data, employee reporting and the critical role of leadership. This three-part workshop will look at the very serious and real safety challenges facing all Transit Providers and how a Safety Culture is built through proactive safety practices.

Presenter: Michael Noel, Noel Training & Consulting, LLC

Presenter: Dan Mulraney, Mulraney Training and Consulting, LLC

9:45 am - 10:30 am

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10:30 am - 11:30 am

79. A Path Towards Lowering Infrastructure Carbon Footprint: Environmental Product Declarations (EPDs) and Net Embodied Carbon Analysis * *Eligible for AICP Resiliency CE Credits*

* (P) (E) Room: Wildwood 1-2

With the international push to lower infrastructure carbon impact, agencies across the country are looking towards net embodied carbon analysis and environmental product declarations. Fortunately, agencies along the East Coast, like the NYC MTA led by Thomas Abdallah, Chief Environmental Engineer, are leading the charge in their implementation. This presentation will also highlight efforts and tools towards implementing decarbonization concepts like the FHWA Carbon Reduction Strategy and sustainability rating systems like Envision.

Presenter: Thomas Abdallah, PE LEED AP ENV SP, Vice President Environmental Services & Chief Environmental Engineer, MTA Construction and Development

Presenter: Jean Paul Liban, EIT ENV SP, Graduate Engineer, Dewberry

80. NJ TRANSIT: Transit Ridership Evolution: From Pandemic Disruption to New Normal - A Multi-Faceted Analysis of NJ TRANSIT's Experience

(P) Room: Wildwood 4

This panel presentation offers a deep dive into the transformation of transit ridership patterns. Drawing from NJ TRANSIT's extensive research and operational data, the session examines the complex interplay of factors shaping modern transit use in the New York-New Jersey metropolitan region.

Moderator: Matthew Safer, Senior Director of Travel Forecasting and Research, NJ TRANSIT

Presenter: Susan O'Donnell, Senior Director of Business Analysis and Research, NJ TRANSIT

Presenter: Marina Hofbauer, Senior Research Analyst, Research and Community Mobility, NJ TRANSIT

Presenter: Angello Salazar, Assistant Director of Ridership Analysis, NJ TRANSIT

81. AI-Driven ITS Strategies at NJDOT's Arterial Management Center: Advancing Arterial Operations, Predictive Maintenance, Cost-Benefit Analysis, and Decision Support Systems

(P) (E) Room: Wildwood 6

A panel of industry experts for an in-depth exploration of cutting-edge methodologies revolutionizing arterial traffic management and decision support at NJDOT's Arterial Management Center (AMC). This high-level technical session will dissect the integration of AI-driven traffic operations, predictive maintenance strategies, and econometric modeling to optimize arterial performance. We will examine advanced traffic signal control paradigms leveraging SCATS adaptive signal technology, real-time data aggregation from multiple data providers, and algorithmically robust machine learning frameworks to dynamically adjust phase timing, mitigate congestion, and enhance incident response efficiency. Additionally, we will explore how predictive analytics and AI-powered cost-benefit modeling are redefining maintenance strategies through sensor degradation forecasting, proactive procurement planning, and automated anomaly detection, enabling NJDOT to quantify user delay costs and infrastructure lifecycle efficiencies with unprecedented precision. This session will also provide a technical deep dive into AI-enhanced decision support frameworks, where multi-criteria optimization, scenario-based modeling, and real-time traffic simulations are seamlessly integrated to elevate network resilience and operational efficacy. Engage in a thought-provoking discussion with transportation engineers, data scientists, and policymakers as we uncover best practices for AI-enabled arterial management strategies that push the boundaries of intelligent transportation systems and real-time traffic optimization.

Moderator: William McGarrigel, PE, Sr Sector Manager, AtkinsRealis USA Inc.

Presenter: Ramanujan Jagannathan, PE, PTOE, RSP1, Project Director AtkinsRealis USA Inc.

Presenter: Deep Patel, Ph.D., Traffic Safety & Mobility Specialist, AtkinsRealis USA Inc.

Presenter: Tejaswi Gangadharaiyah, Sr ITS Analyst II, AtkinsRealis USA Inc.



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10:30 am - 11:30 am (Continued)

82. Building A Transit Safety Culture - When Things Happen (Part 2 of 3)

(P) Room: Wildwood 18-19

Transit providers need to prepare and respond to safety related events in real time. This may include responding to inoperative wheelchair lifts, vehicle breakdowns, issues with on-board customers, or responding to an accident. Also, interacting with police and emergency responders and post-accident drug & alcohol testing. Understanding root cause analysis of accidents and how practical drift contributes to serious accidents and incidences.

Presenter: Michael Noel, Noel Training & Consulting, LLC

Presenter: Dan Mulraney, Mulraney Training and Consulting, LLC

83. The Critical Role of BIM and Reality Capture in Infrastructure Digital Twins

(E) Room: Wildwood 21

Integrating Building Information Modeling (BIM) with reality capture technologies is pivotal in developing digital twins for infrastructure projects. Reality capture methods, such as laser scanning and photogrammetry, collect precise data about existing structures, which is then used to create accurate 3D models. When combined with BIM, these models form dynamic digital twins that mirror physical infrastructure in real-time. This integration enhances project planning, construction monitoring, and facility management by providing a comprehensive and up-to-date digital representation of the asset. Moreover, the fusion of reality capture with BIM facilitates automated construction progress monitoring and offers significant advantages in accuracy, efficiency, and management throughout the lifecycle of infrastructure projects.

Presenter: Andisheh Dianat, Senior VDC Engineer, EnTech

Presenter: Polina Ustinova, VDC/BIM Engineer, EnTech

84. Moving Forward: Creating Guidelines for Accessible and Consistent Bus Stops

(P) (E) Room: Wildwood 25

Public transportation is a lifeline for many, but poorly designed bus stops can create significant barriers for people accessing transit. Developers and citizens often want to know how to create a new bus stop and what elements should be included. The Delaware Valley Regional Planning Commission (DVRPC) has created bus stop design guidelines with SEPTA to answer those questions. This session will explore best practices for designing accessible and consistent bus stops that promote safety, comfort, and usability for all riders.

Moderator:

Presenter: Baxter Barrett, Transportation Planner, DVRPC

Presenter: Neil Garry, Transit Program Manager, City of Philadelphia

Presenter:

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11:30 am

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11:40 am - 12:40 pm

85. NJ TRANSIT: Route 9 TOD Vision Plan and Future Transportation System Plan

(P) Room: Wildwood 1-2

This session will explore the transformative vision outlined in the Route 9 Transit-Oriented Development (TOD) Vision Plan, which seeks to create vibrant, sustainable, and transit-focused communities along the corridor. Attendees will gain insights into the strategic planning process, including community engagement, land-use strategies, and multimodal transportation improvements designed to support housing, economic growth, and environmental sustainability.

Moderator: Megan Massey, Transit Friendly Planning, NJ TRANSIT

Presenter: Swarna Vemuri, Local Aid-District 3, NJDOT

Presenter: Eric Fang, AIA, AICP, LEED, AP, Principal and Practice Area Leader, Perkins Eastman

Presenter: Veena Sawant, Township Planner, Old Bridge Township

Presenter: Simran Riar, Senior Planner, DCA

Presenter: Chris Henry, Mobility Studio Director, IMEG (formally FHI Studios)

86. Bringing Major Industry back to the state of New Jersey

(P) Room: Wildwood 4

Listen to real estate professionals review the current state of affairs in Trenton and DC and what they foresee as potential options to explore and roadblocks to bringing good paying manufacturing jobs to the state. Hear how the railroads are vital to this happening

Moderator: Matt Marshall, Industrial Brokerage, Avison Young

Presenter: Chad Buch, Manager, Industrial Market Intelligence, Avison Young

Presenter: Erica Breiterman, Director, NJEDA (invited)

Presenter: Zachary Cutler - Market Intelligence, Avison Young

87. How to get started with a bicycle and pedestrian safety campaign

(P) Room: Wildwood 6

This session will educate audience members interested in starting a safety campaign by providing context to types of campaigns and guiding the audience through essential inquiries and foundational elements crucial to establishing any safety campaign, regardless of its scale. It outlines the step-by-step process for crafting a campaign and presents an array of elements to consider for effective campaign development. Additionally, a real-world case study of a local safety campaign will be dissected, highlighting its process, messaging strategies, campaign assets, and methods for gauging success.

Presenter: Ranjit Walia, PP/AICP, Founder/CEO, Civic Eye Collaborative

Presenter: Joshua Petrino, Creative Director, Civic Eye Collaborative

88. Building A Transit Safety Culture - After Things Happen (Part 3 of 3)

(P) Room: Wildwood 18-19

Transit providers need to learn from accidents, incidents and even safety complaints to lessen the likelihood of future events. This will include post-accident review and analysis, understanding how Professor Reason's organizational analysis and Heinrich's Law applies, policy review and revision, accident review and safety committee's role, reporting and trending safety data, and employee involvement in creating a true Safety Culture back at home.

Presenter: Michael Noel, Noel Training & Consulting, LLC

Presenter: Dan Mulraney, Mulraney Training and Consulting, LLC



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11:40 am - 12:40 pm (Continued)

89. Advocating for the Right Resilience Project, at the Right Moment * *Eligible for AICP Resiliency CE Credits*

* (P) Room: Wildwood 21

As agencies develop a clearer understanding of their risk landscape, the focus has shifted from identifying vulnerabilities to strategically prioritizing resilience projects. To maximize impact and secure funding, agencies must adopt a proactive advocacy strategy that aligns project priorities with available opportunities. This requires leveraging traditional project ranking methods while incorporating a multi-criterion analysis (MCA) framework that takes a wider view of potential barriers to resilience project implementation. MCA enables decision-makers to evaluate projects not only by assessing the potential risk reduction, but also by factors such as equity, economic benefit, environmental impact, and political feasibility. Agencies must address challenges such as syncing projects with capital planning timelines, weighing project completeness versus real estate constraints, assessing community readiness, while preparing for new asset class operations and maintenance. Additionally, competing priorities—such as maintaining a state of good repair, navigating federal funding uncertainties, aligning with asset management frameworks, and coordinating with emergency management—further complicate the decision-making process. By integrating these diverse criteria, agencies can articulate an advocacy strategy that resonates with stakeholders and funding partners. This approach ensures that resilience projects are not only technically sound but also positioned for success in a competitive funding environment. This session will explore practical strategies to integrate into resilience planning, emphasizing how agencies can identify advocacy priorities that align with funding cycles, legislative opportunities, and community needs. Participants will gain insights into framing resilience investments in ways that reflect both urgency and long-term value, equipping them to champion the right project at the right moment.

Presenter: Breanna Horne, CHMM, ENV SP, WEDG, WELL AP, Fitwel, Director of Resilience, STV

90. Zero by 2040: Mitigating Safety Concerns along NJ's Roadways

(P) (E) Room: Wildwood 23

This panel will provide an overview of the various ways NJDOT addresses safety concerns on our NJ's roadways. Safety is a top priority with this administration. Commissioner O'Connor calls safety improvement 'a way of life' at NJDOT. However, many see safety as being relegated to the Highway Safety Improvement Program (HSIP). HSIP is a key part of mitigating safety concerns on NJ's roads. This panel will layout NJ's process of identifying safety concerns using crash and other data, and the various ways NJDOT address them, including quick fixes; initiating and guiding short- and long-term projects; reviews and standards. The panel will also highlight the innovations in process and countermeasures in alignment with the Safe System Approach and NJ's goal of getting to Zero fatalities and serious injuries on NJ's roadways by 2040.

Moderator: Frank Neary CPM PMP, Director, Division of Safety Programs and Transportation Data, NJDOT

Presenter: Dan LiSanti PE, Deputy Director, Division of Safety Programs and Transportation Data

Presenter: Stephen Choborda, Manager, Bureau of Transportation Data & Support, NJDOT

Presenter: Jeevanjot Singh PMP, Manager, Bureau of Safety, Bicycle & Pedestrian Programs, NJDOT

Presenter: Roseann DiBenedetto, Supervising Engineer, Division of Traffic Engineering, NJDOT

THANK YOU!
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NJ TransAction 2026

April 14, 15, & 16

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