

NJ TransAction Conference Program Schedule and Workshop Sessions

Tuesday, April 30, 2024

(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

3:15 pm – 6:00 pm Exhibit Hall OPENS For All Attendees

10:00 am – 11:00 am

1. Uncovering Bicycle and Pedestrian Trends in DVRPC's Nine-County Region

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

To inform policy decisions and help guide infrastructure investment, DVRPC monitors and tracks travel trends in the Delaware Valley. In this presentation, we will review how we collect data for two DVRPC programs, including the Transit Survey and Cyclical Count Program, and how it is analyzed to show travel trends in the region. We will also briefly overview some key findings for these two programs.

Speaker: Leea Kelly, Traffic Data Analyst, Delaware Valley Regional Planning Commission

Speaker: Christopher Mulroy, MCRP, Transportation Planner, Delaware Valley Regional Planning Commission

Speaker: Marissa Cruise, Associate Planner, Delaware Valley Regional Planning Commission

2. You've Got to Move It! NJTPA-Funded Freight Studies Deliver

(P) (E) Room: Wildwood 4

This session spotlights examples of freight and goods movement studies completed through the NJTPA's Subregional Studies Program, including the Hudson County Truck Routes Assessment and Southern Middlesex County Freight Movement Study.

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

Speaker: William Long, MLAI, Principal Planner, Long Range Transportation Planning, NJTPA

Speaker: Kevin Force, PP/AICP, Supervising Planner, Hudson County Div. of Planning

Speaker: Andrew Lappitt, PP/AICP, Principal Planner, Middlesex County

3. NJDOT's Lane Closure Management System (LCMS)

(P) (E) Room: Wildwood 6

Work zone lane closure reservation management, a common practice within transportation agencies, often relies on a paper process to initiate and drive lane closure approvals. The New Jersey Department of Transportation's Division of Mobility Engineering developed a Lane Closure Management System software application to replace the manually intensive paper, email, text, phone call process and is in production for all Interstates, with NJ State routes currently being added.

Moderator: Marquis McEwen, Senior Engineer, Mobility Engineering, NJDOT

Speaker: Greg Pniewski, Senior Engineer, Mobility Engineering, NJDOT

Speaker: Todd Rothermel, Vice President and Technology practice leader, HNTB

Speaker: Smitkumar Patel, Senior Engineer, Mobility Engineering, NJDOT



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10:00 am – 11:00 am (Continued)

4. NJ TRANSIT: Sustainability and Resiliency

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

This workshop will discuss critical sustainability and resiliency efforts underway at the agency, including the Sustainability Plan, the Resiliency Capital Planning Program, and resiliency efforts taking place at Hoboken Terminal.

Moderator: Zoe Baldwin, Vice President of State Programs, Regional Plan Association, and Commissioner, South Jersey Transportation Authority

Speaker: Jennifer Buison, Assistant Director, Capital Programs, NJ TRANSIT

Speaker: Erin Hill, Energy and Sustainability Specialist, Capital Programs, NJ TRANSIT

Speaker: Emily Korman, Resiliency Capital Planning Manager, Capital Programs, NJ TRANSIT

5. All Electronic Tolling Conversion - Local and Regional Lessons Learned

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

All-electronic tolling (AET) relies on electronic systems to automatically collect tolls from vehicles as they pass through designated tolling points and offers a range of benefits, including increased efficiency, reduced congestion, cost savings, improved revenue collection, and enhanced safety. As technology continues to advance, AET systems will likely play a crucial role in shaping modern and intelligent transportation systems. This panel is comprised of regional implementors and representatives of AET deployments, including SJTA, DRJTBC, and PA Turnpike. Learn about the technology, challenges and solutions to these projects.

Moderator: Dan Corey, National Director of Mobility Technology, STV

Speaker: Joel Falk, Director of Transportation Technology, South Jersey Transportation Authority

Speaker: Stephen Mazur, Chief Engineer/Director of Engineering, South Jersey Transportation Authority

Speaker: Chip Stracciolini, Program Manager of Technology, Delaware River Joint Toll Bridge Commission

Speaker: Stephen Brousse, Senior Engineer Project Manager, PA Turnpike

Speaker: Milan Mitrovich, VP, Deployment Program Manager, TransCore

6. Shaping the Future of Paratransit: How Agencies Are Successfully Using On-Demand Technology

(P) Room: Wildwood 18-19

When considering implementing an on-demand program, agencies must look to examples of successful deployments from within the industry, including what to consider when planning deployments and the flexible range of service levers that can shape outcomes. This session will further provide valuable insights into the tangible benefits experienced transit agencies across North America post-implementation, including increased efficiency, decreased cost, reduced manual errors, and the ability to scale capacity through commingling.

Speaker: Clayton Goes, Director of Product, Rideco



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11:10 am – 12:10 pm

7. NJ TRANSIT: Hoboken Terminal: Past, Present and Future

(P) Room: Wildwood 1-2

This workshop session is a presentation on the history of Hoboken Terminal and will include an overview of both the public and private improvements associated with the Hoboken Connect project.

Moderator: Megan Massey, Assistant Director, Transit Friendly Planning, NJ TRANSIT

Speaker: Dan Sobieski, Project Manager, Civil/Site, Colliers Engineering & Design

Speaker: Jason Wormeck, Senior Program Manager, Capital Programs, NJ TRANSIT

Speaker: Nabil Armout, Engineer, Capital Programs, NJ TRANSIT

Speaker: Owen Christensen, Project Manager, TOD, Real Estate, NJ TRANSIT

8. Making Sense of Segments: A New Bike and Pedestrian Tool for Evaluating Projects in the DVRPC Region

(P) Room: Wildwood 4

DVRPC is developing a new tool to enhance its LTS connectivity analysis, which will be demonstrated during this session. This upcoming tool will offer comprehensive insights into projects, enabling planning collaborators to either sketch or upload their project details. Once inputted, the tool will furnish data about the potential impact of improving or constructing a segment, specifically in terms of connecting people, jobs, services, and other relevant factors. The public launch of this tool is scheduled for June 2024.

Speaker: Mark Morley, AICP, Transportation Planner, Delaware Valley Regional Planning Commission

9. NJDOT: Truck Parking

(P) (E) Room: Wildwood 6

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, Transportation Mobility and Research, NJDOT

Speaker: Luis Rivera, Administrative Analyst, Transportation Mobility and Research, NJDOT

Speaker: Thomas Murphy, Administrative Analyst, Transportation Mobility and Research, NJDOT

Speaker: Dejan Besenski, Deputy Director, Civil and Environmental Engineering, NJIT

Speaker: Branislav Dimitrijevic, Assistant Professor, Civil and Environmental Engineering Unit, NJIT

10. How Technology is Driving a Renaissance in the Freight Industry Goods Movement Throughout the State of New Jersey

(P) Room: Wildwood 7

Hear how technology is driving efficiencies and growth at major goods movement facilities in the state: port terminals, railroad yards, mega warehouse facilities, and freight trucking companies.

Moderator: Kevin Hoffman, Customer Service Representative, Taylor Northeast

Speaker: Brian Kobza, Executive Vice President, Commercial and Strategic Sales, IMMC

Speaker: Arthur Feygelson, Manager, Industrial Development, CSX Transportation

Speaker: Paul Delp, President, Lansdale Warehouse Co., Inc.



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11. Marijuana in the Workplace in NJ: Where Are We Today and Where Are We Going?

(P) Room: Wildwood 8-9-10

The Partnership for a Drug-Free New Jersey will lead this presentation which will include the following topics: an update on recent legal and legislative developments taking place both nationally and in New Jersey, the impact of legalization of adult use of marijuana in NJ on the workplace, drug-testing with oral fluids, the benefits and forthcoming guidelines from the U.S. Department of Transportation, drug-testing with Oral Fluids, the Benefits and the Dept. of Transportation's Forthcoming Guidelines, Current Status of the WIRE (Workplace Impairment Recognition Expert), free programs and services provided by PDFNJ to assist businesses in updating and maintaining their Drug-Free, and Workplace Policies & Procedures.

Presenter: Bill Lillis, CPS, Drug-Free Workplace Coordinator, Partnership for a Drug-Free NJ

12. Fundamentals of Traffic Signals and MUTCD Updates

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

As part of the ITS NJ, ITE Met Section, and CAMTEA Traffic Signals Committee, this session aims to provide an educational overview of traffic signals for both the private and public sectors. The focus will be on the recent MUTCD updates. During this training, planners and engineers will gain insights into various aspects of traffic signals, including signal operations, signal components and equipment, signal timing, and advanced signal systems.

Speaker: Lynn A. LaMunyon, P.E., PTOE, IMSA II, Ocean County Traffic Engineer

Speaker: Jeffrey A. L'Amoreaux, P.E., Senior Project Manager, Michael Baker International

Speaker: Anthony Mariani, P.E., PTOE, RSP1, Senior Project Manager, Colliers Engineering & Design

13. Building Information Modeling (BIM), Drones, and Business Intelligence (BI) for Transportation Projects

(P) (E) Room: Wildwood 18-19

This presentation explores the dynamic intersection of Building Information Modeling (BIM), Virtual Design and Construction (VDC), cutting-edge Drone Applications, and Business Intelligence (BI) Dashboards within the realm of transportation projects. We will dive into how BIM and VDC foster collaboration and efficiency, the advanced capabilities of drones for site mapping and project monitoring, and embrace the power of BI through visually rich dashboards. We will discuss how this holistic approach unlocks unprecedented insights, fostering informed decision-making and optimizing the success of transportation infrastructure projects.

Presenter: Pranav Balabadrinath, VDC Engineer, Entech Engineering

12:10 pm – 1:00 pm

Lunch on your own. There are several casual food options available throughout Harrah's: Bobby Flay's Burgers, Guy Fieri's Chicken, Coastal Craft Kitchen & Bar, Starbuck's, Pin-Up Pizza, Café Tazza.



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1:00 pm – 2:00 pm

14. Positive Impacts of the Coronavirus Pandemic (COVID-19) on Mass Transit

(P) Room: Wildwood 1-2

The impact of the Coronavirus pandemic (COVID-19) undoubtedly had short term and long-term impacts on mass transit systems across the United States. The pandemic changed how businesses operated overnight, creating virtual environments never imagined before. Mass transit ridership plummeted across the country, carrying only riders that depend on transit to get to and from work and other vital activities. Fast forward to 2023, there are several positive benefits that changed mass transit ridership as it continues to rebound to post covid ridership. Benefits include all day frequent headways to accommodate trips throughout the day, increases in weekend ridership, introduction to micro mobility options that enhance trips on both ends of a trip, as well as several other factors.

Moderator: John Manzoni, Principal/NE Planning Director, STV

Speaker: Michael Venuto, Chief Engineer, Delaware River Port Authority

Speaker: Mark Holmes, Senior Planner, STV and Former MTA NYCT/MTA Bus Company, Deputy General Manager, Regional Bus Operations

Speaker: Christopher Puchalsky, Director of Policy and Strategic Initiatives, Office of Transportation, Infrastructure, and Sustainability, City of Philadelphia

15. Enhancing Transportation Safety with Technology

(P) (E) Room: Wildwood 4

Explore enhancing traffic safety through the implementation of technology-based solutions such as real-time data analytics, near-miss detection, wrong-way driving detection, connected vehicles, and advanced signal systems. The panelists will discuss projects across the state of New Jersey that are implementing technology-based solutions to reduce crashes and safeguard the well-being of all road users including Atlantic City's Safe Streets for All and Smart City Transportation Master Plan, Hudson County's planned advanced traffic signal system, and more.

Moderator: Andy Kaplan, P.E., PTOE, Manager, Planning for Transportation Technology and Operations, North Jersey Transportation Planning Authority

Speaker: Brad J. Miller, PE, PP, PTOE, Associate Vice President, Dept. Manager ITS & Traffic Engineering, Michael Baker International

Speaker: Jose M. Sieira, Director of Traffic and Transportation, Hudson County Engineering

Speaker: Thomas M. Brennan, PhD, PE, Professor of Civil Engineering, The College of New Jersey

16. NJ TRANSIT: Micromobility and NJ TRANSIT

(P) Room: Wildwood 6

Join us for a dynamic panel discussion centered on enhancing the crucial first- and last-mile connectivity to NJ TRANSIT's stations and stops, with a focus on bicycling, scooter riding, walking. Delving into the insights gleaned from NJ TRANSIT's inaugural Bicycle, Scooter, and Pedestrian Survey, the panelists will share how these findings are shaping the trajectory of future NJ TRANSIT planning initiatives. Discover how NJ TRANSIT Planning is forging strategic partnerships with municipalities to champion complete streets, fostering a collaborative approach that strengthens first- and last-mile access to stations and stops.

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

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

Speaker: Simone Gore, Assistant Program Manager, Capital Projects, NJ TRANSIT

Speaker: Mike Viscardi, Director of Programmatic Planning, NJ TRANSIT

Speaker: Fred Storey, Manager, Community Mobility, NJ TRANSIT



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17. NJDOT's Weather Savvy Pilot

(P) (E) Room: Wildwood 7

This project 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, Transportation Mobility and Research, NJDOT

Speaker: Luis Rivera, Administrative Analyst, Transportation Mobility and Research, NJDOT

Speaker: Thomas Murphy, Administrative Analyst, Transportation Mobility and Research, NJDOT

Speaker: Dejan Besenski, Deputy Director, Civil and Environmental Engineering, NJIT

Speaker: Branislav Dimitrijevic, Assistant Professor, Civil and Environmental Engineering Unit, NJIT

18. ETHICS TRAINING – AICP & PDH (Part 1 of 2)

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

This program will cover ethics training for NJ Engineers and Planners. *This training workshop satisfies the 2 hours of ethics credits required for PE and AICP renewal.*

Presenter: Gordon Meth, P.E., P.P., PTOE, PTP, RSP1, Highway Engineering Practice Group Leader, Robson Forensic

Presenter: Janine G. Bauer, Esq., Szaferman Lakind P.C.

19. How to Get Started with a Bicycle and Pedestrian Safety Campaign

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

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.

Moderator & Speaker: Ranjit Walia, PP/AICP, Principal, Civic Eye Collaborative

Speaker: Joshua Petrino, Civic Eye Collaborative

20. Americans With Disabilities Act (ADA) Changes, Challenges & Reasonable Modifications (Part 1 of 2)

(P) Room: Wildwood 18-19

All transit systems have a responsibility to understand and provide transportation services consistent with the Americans with Disabilities Act (ADA). All employees are to be "trained to a proficiency" to ensure vehicles and equipment are operated safely, that they provide appropriate assistance, treat individuals in a respectful and courteous manner and ensure that individuals with disabilities can use the agencies services. This workshop will look at changes, challenges, and reasonable modifications necessary to ensure that the civil rights of individuals with disabilities are honored and appropriate policies and procedures are in place consistent with the ADA.

Presenter: Michael Noel, Noel Training & Consulting, LLC



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2:10 pm – 3:10 pm

21. Jumpstarting a Walkable, Bikeable Future: An Insider's Guide to Accessing State and Federal Dollars

(P) Room: Wildwood 1-2

How can New Jersey jumpstart projects to make local travel safer and accessible for people of all ages, especially those who walk and bike? Municipalities and counties want to build better bike/walk infrastructure, and our state and federal transportation agencies want to fund them. This panel of experts will explore solutions: low-hanging funding opportunities, successful stories from NJ communities and other states, and ways to improve the process going forward.

Moderator: Chris Sturm, Policy Director - Land Use, New Jersey Future

Speaker: Kyle Skala, Project Management Specialist 3, Local Resources and Community Development, NJ DOT

Speaker: Matthew Lawson, AICP/PP/GISP, Principal Planner-Transportation, County of Mercer

Speaker: Leigh Ann Von Hagen, AICP/PP, Managing Director, Voorhees Transportation Center

22. NJ TRANSIT: Centering Communities Around Transit: The Transit Village Initiative

(P) (E) Room: Wildwood 4

The New Jersey Department of Transportation (NJDOT) and NJ TRANSIT spearhead a multi-agency Smart Growth partnership known as the Transit Village Initiative. The Transit Village Initiative creates incentives for municipalities to redevelop or revitalize the areas around transit stations using design standards of transit-oriented development (TOD). There are currently 35 designated Transit Villages. The Transit Friendly Planning Program strengthens the link between public transit and communities served by NJ TRANSIT. The Program provides guidance on planning for transit-friendly communities that are equitable, economically resilient, and environmentally sustainable. The Program partners with New Jersey municipalities to provide local planning technical assistance around transit facilities. Presenters will explain the transit village designation process, technical assistance opportunities, and discuss other program resources that can help communities promote active transportation, local economic growth, placemaking, sustainable design, and efficient circulation that will help encourage residents to use public transit for everyday trips.

Moderator: Megan Massey, Assistant Director Transit Friendly Planning, NJ TRANSIT

Speaker: Jelena Lasko, Transit Village Coordinator, NJ DOT

Speaker: Michael Swan, Principal Planner, NJ TRANSIT

Speaker: Cailean Kok, Senior Project Office, NJ Economic Development Authority

Speaker: Jeff Perlman, Transit Village Task Force, NJTPA

23. NJ DOT: Unmanned Aircraft Systems (UAS) for Traffic Incident Management (TIM) and Emergency Response

(P) (E) Room: Wildwood 6

NJDOT has been using Unmanned Aircraft Systems (UAS) in Traffic Incident Management for situational awareness in emergency response incidents such as the Rt. 46 landslide, the Rt. 295 wall collapse, traffic incident management traffic queue monitoring, construction phase aeriels for the Rt. 18 project, and NJDOT infrastructure mapping. This presentation will showcase some of the current uses and provide a glimpse of where the NJDOT UAS for TIM program is headed.

Moderator: Robert Pomykala, New Jersey Institute of Technology (NJIT), Senior Safety Planner

Speaker: Robert Burd, Supervising Administrative Analyst/Manager, Office of Emergency Management Security and Response (OEMSR), NJDOT

Speaker: Eugene Eng, Senior Planner, Office of Emergency Management Security and Response (OEMSR), NJDOT

Speaker: Kimbrali Davis, Manager, Bureau of Aeronautics and Modal Grants, Local Aid and Economic Development, NJDOT

Speaker: Jake Basantis, Program Specialist Trainee, Local Resources and Community Development, NJDOT



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24. DVRPC's Regional Coordinated Human Services Transportation Plan: Equity Through Access

(P) (E) Room: Wildwood 7

Delaware Valley Regional Planning Commission's (DVRPC) Coordinated Human Services Transportation Plan (CHSTP), Equity Through Access (ETA), seeks to improve economic and social opportunity in the region by expanding access to essential services for vulnerable populations across the Philadelphia region. The most recent update to the Plan focuses on bridging the user experience detailed in the 2016 plan with the experience of direct and indirect accessible transit providers post-COVID-19. This session will present the core barriers and opportunities for accessible transit services and provide strategies for leveraging inter-agency partnerships to identify and address persisting accessibility gaps.

Speaker: Wideleine Desir, AICP, Public Participation Planner, Delaware Valley Regional Planning Commission

Speaker: Joanna Hecht, Senior Transportation Planner, Delaware Valley Regional Planning Commission

25. ETHICS TRAINING – AICP & PDH (Part 2 of 2)

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

This program will cover ethics training for NJ Engineers and Planners. This training workshop satisfies the 2 hours of ethics credits required for PE and AICP renewal.

Presenter: Gordon Meth, P.E., P.P., PTOE, PTP, RSP1, Highway Engineering Practice Group Leader, Robson

Presenter: Janine G. Bauer, Esq., Szaferman Lakind P.C

26. The Port Authority of NY & NJ: Embracing New Technology to Enhance Human Capital and Beyond!

(P) Room: Wildwood 12-13

The use of innovation and AI tools is providing many advantages for agencies, municipalities, and local businesses. This workshop will provide insight into new opportunities for optimizing the workforce with the use of modern technology solutions for the selection and onboarding experience. Learn how the Port Authority of NY & NJ is using eSkill in its 1-year pilot and how this technology can help you in your human capital and assessment needs.

Moderator: LaTisha Smith, PA TTL Project Manager, Port Authority of NY & NJ

Speaker: Ethan Painter, Client Success Manager, eSkill

Speaker: Chantelle Mack, Manager, Business Solutions, Port Authority of NY & NJ

27. Americans With Disabilities Act (ADA) Changes, Challenges & Reasonable Modifications (Part 2 of 2)

(P) Room: Wildwood 18-19

All transit systems have a responsibility to understand and provide transportation services consistent with the Americans with Disabilities Act (ADA). All employees are to be "trained to a proficiency" to ensure vehicles and equipment are operated safely, that they provide appropriate assistance, treat individuals in a respectful and courteous manner and ensure that individuals with disabilities can use the agencies services. This workshop will look at changes, challenges, and reasonable modifications necessary to ensure that the civil rights of individuals with disabilities are honored and appropriate policies and procedures are in place consistent with the ADA.

Presenter: Michael Noel, Noel Training & Consulting, LLC

3:15 pm - 4:00 pm

No Workshop Sessions, Visit Exhibit Booths



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3:15 pm – 6:00 pm Expo Hall Opens for Attendees

3:15 pm – 4:00 pm **Refreshment Break Located in Middle of Expo Hall.**
Assorted Beverages, Jumbo Gourmet Cookies, Fresh Fruit Cocktail, Large Philly Pretzels

6:00 pm Exhibit Hall Closes

THANK YOU

THANK YOU

THANK YOU

Refreshment Break Sponsors

Arora and Associates, PC

BEM Systems, Inc.

French & Parrello Associates

Model 1 Commercial Vehicles

Richard Grubb & Associates, Inc.

TYLIN

4:00 pm – 5:00 pm

28. NJ DOT: GroundCast

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

NJDOT has recently piloted GroundCast which measures road temperature at surface and below surface, the amount of chemical (salt) on the surface, and surface condition (dry or not dry). NJIT, along with NJDOT has recently installed GroundCast on Route 12 and Route 29. NJIT/NJDOT also installed an Acoustic sensor that will measure air temperature, relative humidity, dew frost point and surface temperature.

Moderator: Vandana Mathur, Supervisor, Transportation Mobility and Research, NJDOT

Speaker: Luis Rivera, Administrative Analyst, Transportation Mobility and Research, NJDOT

Speaker: Thomas Murphy, Administrative Analyst, Transportation Mobility and Research, NJDOT

Speaker: Dejan Besenski, Deputy Director, Civil and Environmental Engineering, NJIT

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29. Jersey City Department of Infrastructure - Where Planning and Engineering Meet

(P) (E) Room: Wildwood 4

Unlock the keys to success as we share insights from Jersey City's Department of Infrastructure on harmonizing planning and engineering. Delve into two transformative planning studies, the first exploring emerging transportation technologies in 2021/2022 and the second in 2023/2024 with the creation of a practical Traffic Calming Toolkit, where treatments were tested through demonstration projects. Join this session to acquire the essential tools and strategies needed to align planning and engineering departments in your community, fostering collaboration for lasting impact.

Speaker: Elias Guseman, AICP, Senior Transportation Planner, City of Jersey City

Speaker: Rosanne Lubeck, Principal, Connect the Dots

Speaker: Samantha Donovan, AICP, Senior Transportation Planner, Sam Schwartz Consulting

Speaker: Adam Catherine, PE, PTOE, Principal, Stantec

30. Reimagining the Maurice River Corridor

(P) Room: Wildwood 6

This panel will discuss how Cumberland County and SJTPO are looking at opportunities for eco-tourism and future greenway restoration initiatives along the Maurice River through a corridor study. The study is exploring ways to promote economic development along the corridor by offering connectivity to existing businesses, recreation resources, education centers, and entertainment amenities. This effort will lay the groundwork for the future connectivity of Cumberland County into the more extensive South Jersey Trails and Circuit Trail networks and guide the preservation and enhancement of the corridor. The outcome of the study will include planning recommendations and implementation strategies to advance connectivity, eco-tourism, economic development, and preservation of the corridor.

Speaker: Elena Gable, PP, AICP, CFM, Assistant Planning Director, County of Cumberland

Speaker: Jenna Monaghan, Assistant Planner, South Jersey Transportation Planning Organization

Speaker: Brittany Dremluk, AICP, PP, LEED Green Associate, Project Manager, Michael Baker International

31. Multimedia and Community: An Expectation, Not an Extra

(P) Room: Wildwood 7

In the Visual Age, our interactions and communication are shaped by a set of expectations. This session delves into best practices for incorporating multimedia in urban planning, outreach, and education, examining the new normal for cultivating community engagement and visualizing sustainable urban landscapes. Expect discussions on navigating virtual and streaming meetings, exploring best practices, and understanding the vital role of data visualization, storytelling, and interactive platforms in crafting compelling community planning narratives. Join us as we explore how multimedia has become an essential element, not merely an optional addition, in fostering meaningful communication in community planning.

Speaker: Ranjit Walia, PP/AICP, Principal, Civic Eye Collaborative

Speaker: Jesika Tixi, Research Project Coordinator, Alan M. Voorhees Transportation Center

Speaker: Cate Heady, Research Project Coordinator, Alan M. Voorhees Transportation Center

32. NJ TRANSIT and the Federal Transit Administration: Building Relationships

(P) Room: Wildwood 8-9-10

Within the world of infrastructure and transportation, the development of partnerships is key. Join NJ TRANSIT and the FTA as they discuss the importance of strengthening partnerships and the impact they have on both improving and maintaining capital projects.

Moderator: Jonathan Nelson, Director, Capital Projects Delivery and Administration, Capital Programs, NJ TRANSIT

Speaker: Linda Digiovanni, Deputy Chief, Capital Budget, Administration, Grants & Controls, Capital Programs, NJ TRANSIT

Speaker: Michael Culotta, FTA Region 2 Regional Administrator



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33. How We Make Complete Streets Happen

(P) Room: Wildwood 12-13

The NJTPA has a variety of programs available to help communities advance Complete Streets initiatives. Examples will include the Complete Streets Technical Assistance Program, the Complete Streets Demonstration Library and an example of a recent project in Seaside Heights. In addition, learn about the programs, support, and expertise that Transportation Management Associations bring to the table.

Moderator: John P. Kelly, Ocean County Commissioner and NJTPA Board Chair

Speaker: Peter Bilton, AICP; Manager: Sustainable Transportation Planning, NJTPA

Speaker: Jasmine Grossmann, MCRP, LEED Green Associate; Principal Planner, TMA & Mobility Programs, NJTPA

Speaker: Jennifer Gorini, PP, AICP; Planning Consultant, Jennifer Gorini & Associates, LLC

Speaker: Tara Shepherd, Executive Director, goHunterdon

34. Stretching Your Transportation Dollars: The Economic Wisdom of Utilizing TNCs for Extended Hours of Service and Broader Coverage

(P) Room: Wildwood 18-19

For transit agencies, counties, and municipalities, the integration of Transportation Network Companies (TNCs) such as Lyft, Uber, and UZURV into your transportation strategy provides unprecedented flexibility to extend service hours, expand geographical coverage, and efficiently serve clients with disabilities with minimal costs. Learn from the successful implementations of NJ TRANSIT, Essex County, and EZ Ride as they embraced this innovative approach, providing thousands of rides by effectively utilizing TNCs to enhance para-transit services. Join us to delve into this success story and uncover the potential benefits for your community.

Moderator: Janelle Rivera, CCTA, Director Local Programs and Community Mobility, NJ TRANSIT

Speaker: Lauren N. Williams, Director, Contract Administration, NJ TRANSIT- Access Link

Speaker: Michael M. Vieira, CCTM, Director of Transportation, County of Essex

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

Speaker: John Donlon, CEO, UZURV



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NJ TransAction Conference Program Schedule and Workshop Sessions

Wednesday, May 1, 2024

(P) = Planning ACIP Credits

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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 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.

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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NJ TransAction Conference Program Schedule and Workshop Sessions

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9:15 am - 10:15 am

35. Aren't We Doing That Already? How to Ensure That Geographically Overlapping Local Safety Plans are Complementary, Not Redundant

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

Road Safety Strategic Action Plans are being developed at the state, county, and municipal levels with federal funding support through the Highway Safety Improvement Program and the Safe Streets and Roads for All (SS4A) discretionary program. The objective of this session is to discuss steps that can be taken to ensure that geographically overlapping safety plans inform and complement each other rather than compete or conflict. The panel will discuss similarities and differences between the different types of plans, potential plan conflict areas, as well as strategies that can prevent conflict and strengthen coordination.

Speaker: Jenna Monaghan, Assistant Planner, South Jersey Transportation Planning Organization

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

Speaker: Julia Steponanko, P.E., RSP1, Project Engineer, GPI

Speaker: Alex Maistros, P.E., Transportation Safety Engineer, Jacobs

Speaker: Dan Hutton, AICP, PP, RSP1, Senior Planner, Urban Engineers

36. Connecting the Dots: Advancing the Morris Canal Greenway

(P) (E) Room: Wildwood 3

This session looks at the ongoing effort to create a legacy transportation asset: The Morris Canal Greenway.

Moderator: Stephen H. Shaw, Morris County Commissioner and NJTPA Board Secretary

Speaker: Ted Ritter, Manager, External Affairs, NJTPA

Speaker: Sascha Frimpong, MPA; Director, Local Project Development, NJTPA

Speaker: Joe Macasek, President, Canal Society of NJ

37. NJDOT and I-Bank: A Partnership in Saving

(P) Room: Wildwood 4

Learn how these two programs work seamlessly to provide grants and cheap loan funds to finance your capital infrastructure needs. This workshop provides an overview of the joint partnership between NJDOT Local Aid and the NJ Infrastructure Bank (I-Bank) in administering NJDOT's Municipal Aid grants and I-Bank's low-cost funding to provide Local Government Units optimal savings when financing transportation construction projects.

Speaker: Melinda Roslon, Project Manager, NJ Transportation Bank

Speaker: Brian Wirtz, Project Management Specialist 1, NJ Department of Transportation, Local Aid District 4

Wednesday All Day Beverage Station

Located inside and at the center of the Exhibit Room

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NJ TransAction Conference Program Schedule and Workshop Sessions

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

38. NJDOT: Dredging and Dredged Material Management for Municipalities, Counties and Local Officials: A Primer on How to Navigate the Complicated Process of Navigation Dredging

(P) (E) Room: Wildwood 6

The NJDOT Office of Maritime Resources runs the largest DOT-run navigation dredging program in the country and has been working with local officials for over twenty years to extend knowledge and information that will help maintain a seamless marine transportation system in New Jersey. Dredging is a necessary part of maintaining safe navigation for shore communities, however many municipal officials and their engineers have little or no experience navigating the complicated world of permitting, designing, procuring, and managing maritime construction projects. This panel will be comprised of engineers and government officials who together have decades of experience with dredging projects conducted at the state, local and private level who will give you the ins and outs of getting a maintenance dredging project completed. Subject matter experts will be on hand to cover topics ranging from data collection and engineering to permitting and contracting. Of special note will be a presentation on dredged material management opportunities for these types of projects. There will also be municipal officials there to share experiences with restoring their waterfronts using a variety of dredging techniques.

Moderator: Genevieve Clifton, Executive Manager, Office of Maritime Resources, NJDOT

Speaker: W. Scott Douglas, Dredging Program Manager, Office of Maritime Resources, NJDOT

Speaker: Constance Mahon, Business Administrator, Borough of Wildwood Crest

Speaker: Scott Wahl, Business Administrator, Borough of Avalon

Speaker: Katherine Axt, Asst. Vice President, WSP, Inc.

Speaker: Michael Marano, Vice President, WSP, Inc.

Speaker: Mark Davis, Supervisor, Land Resource Protection, NJDEP

Speaker: Eric Rosina, President, ACT Engineering

39. REALizing Resiliency: Applying NJ Land Use Rule Changes to Project Permitting Considerations

(P) (E) Room: Wildwood 7

NJ's PACT initiative, Resilient Environments and Landscapes (REAL) has resulted in rule amendments to the NJ Flood Hazard Area Control Act Rules and Stormwater Management Rules with the adoption of the Inland Flood Protection Rule in July 2023. Updates to the NJ Coastal Zone Management Rules are anticipated next. This session will discuss practical experience in the application of these updated rules to permitting transportation projects, including considerations to incorporate into the applicable project phases.

Speaker: Sue Quackenbush, PWS, Area Manager, Davey Resource Group, Inc.

Speaker: Bill Macholdt, PWS, Department Manager, NJ Permitting & GIS, Davey Resource Group, Inc.

Speaker: Beth Chudy, Senior Project Manager, Davey Resource Group, Inc.

40. NJ TRANSIT: Secaucus to Meadowlands Transitway- FIFA and Beyond

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

This workshop will be discussing this project in detail and providing updates since we last met in 2023.

Moderator: Jonathan Nelson, Director, Capital Projects Delivery and Administration, Capital Programs, NJ TRANSIT

Speaker: Thomas Walker, Senior Director, Project Management, NJ TRANSIT

Speaker: Albert Yannarelli Jr., Senior Program Manager, Project Management, NJ TRANSIT

Speaker: Jennifer Buisson, Assistant Director, Capital Programs, NJ TRANSIT



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

41. Capacity and Connectivity for NJ Rail Passengers: Planning for the Full Gateway Program

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

With the Hudson Tunnel Project in construction on both sides of the Hudson River, and with Portal North Bridge reaching 50 percent construction completion, critical planning work is underway to realize the full capacity goals of the Gateway Program. This includes major projects currently in design in New Jersey, including the rehabilitation of Dock Bridge in Newark; shifted PATH track in Harrison; and the replacement of the Sawtooth Bridges in Kearny. In addition, the second phase of the Gateway Program will unlock a one-seat ride for more NJ rail passengers than ever before: Portal South Bridge, Secaucus Capacity Expansion, Secaucus/Bergen Loop, and the Gateway Storage Yard are vital to providing this service. Together with the new Hudson River Tunnels and the rehabilitated North River Tunnels, the full Gateway Program will deliver the doubling of rail capacity between New Jersey and New York and catalyze the economy of the entire region.

Moderator: Craig Schulz, Director, Communications & External Affairs, Capital Delivery - Gateway Program, Amtrak

Speaker: Jackson Pierce, Business Analyst, Capital Delivery - Gateway Program, Amtrak

Speaker: Purvesh Shah, Director, Infrastructure Design & Operations Planning, Capital Delivery - Gateway Program, Amtrak

Speaker: Beth Zall, AICP, Senior Manager, Infrastructure Planning, Capital Delivery - Gateway Program, Amtrak

42. Enhancing Paratransit Rider Opportunities and Experience with Transportation Network Companies (TNCs) and Other Non-Traditional Paratransit Service Providers

(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. By engaging with companies like UZURV and VIA, who combine technology and a network of fully FTA compliant drivers to drive better performance, savings, and service, NJ TRANSIT is helping individuals, families, agencies, organizations, non-profits, and communities ensure everyone, no matter their mobility needs, have 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 and NJ providers who are engaging with this new and innovative approach to paratransit service.

Moderator: Anthony Attanasio, CEO, Hawk Strategies

Speaker: Mike Kilcoyne, Senior Vice President, Surface Transit and General Manager of Bus Operations, NJ TRANSIT

Speaker: John Donlon, CEO, UZURV

Speaker: Michael Vaccarino, VP, Partnerships, VIA

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



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10:45 am - 11:55 am

43. The Port Authority of NY & NJ: The Port Authority (PATH Train) is Embracing Connected Train Technology by Implementing Real Time Connected Diagnostics to Improve Customer Experience, Reliability, and Safety

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

The Port Authority Trans-Hudson (PATH Train) and Wi-Tronix will delve into connected train technology, which streams train vehicle data directly from the train car and makes it accessible from the internet. This includes hundreds of signals, including vehicle diagnostics, location, speed, faults, and even video from cameras on the train. This availability of real-time signal and image data from a connected train enables PATH improved operational performance and customer experience. In this workshop, PATH and Wi-Tronix will demonstrate how the technology works; and show examples of how a connected train will improve service performance, efficiency, reliability, and safety at PATH.

Moderator: Marco Gonzalez, Senior Engineer, Port Authority of NY & NJ

Speaker: Lisa A. Matta, Vice President, Product Management, Wi-Tronix

Speaker: Emmanuel Ramos, Senior Rail Planning Electrical Engineer, Port Authority of NY & NJ

44. Advancing Public Health Through Road and Street Safety

(P) (E) Room: Wildwood 3

This workshop will explore how communities are building healthy communities through roadway safety planning. Participants will engage in discussions on safety analysis strategies, creatively leveraging funding and partnerships, ensuring safety planning is inclusive of all communities, and more.

Moderator: Medora Benson, Transit & Mobility Planner, ICF

Speaker: Tom Dallessio, AICP/PP/CPM/FRSA, Executive Director of Musconetcong Watershed Association

Speaker: Keith Hamas, AICP, Principal Planner, NJTPA

45. What Does the Law Say About Bicyclists and Pedestrians in NJ?

(P) (E) Room: Wildwood 4

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, Principal, Civic Eye Collaborative

46. The Role of Artificial Intelligence in Business Decision Making and Commercial Real Estate Development

(P) Room: Wildwood 6

Come and listen to legal and commercial professionals versed in artificial intelligence discuss AI's impact on industry and individuals working in the logistics field and real estate property development. A 'can't miss' panel discussion.

Moderator: Tom Keiser, Vice President, Business Development, Meridian Bank

Speaker: Michael McLaughlin, Co-Leader, Cybersecurity and Data Privacy, Buchanan Ingersoll & Rooney, PC, Washington DC

Speaker: Matthew Marshall, Principal & Industrial Brokerage, Avison Young



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

47. Predicting Concrete Degradation for Optimum Management Decisions

(E) Room: Wildwood 7

Owners, engineers, and contractors all seek optimized solutions for the repair of concrete infrastructure and innovative techniques to maximize the service life of new structures. SIMCO has an impressive track record and possesses a level of expertise that is in demand by: owners searching for advanced solutions to the management of structures; engineering firms seeking to differentiate themselves in proposals; and contractors focused on optimizing concrete mixes and construction schedules and troubleshooting construction issues. This presentation will include several case studies of projects in the New Jersey region where SIMCO has played a direct and invaluable role. Owners, engineers, and contractors responsible for the rehabilitation of existing structures and optimizing the design of new structures should attend this important presentation to gain an understanding of SIMCO's specialized expertise and powerful proprietary analytical tools.

Speaker: Eric Ouellet, Technical Director, SIMCO Technologies

Speaker: Nicolas Tiburzi, Project Manager, SIMCO Technologies

48. NJ TRANSIT: Contracting Opportunities

Room: Wildwood 8-9-10

Richard Schaefer, SVP of NJ TRANSIT's Capital Programs Department 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 equipment purchases over the next 18 months, including the advertisement of NJ TRANSIT's Task Order Consultant Contracts Program as well as significant construction opportunities.

Moderator: Jonathan Nelson, Director, Capital Projects Delivery and Administration, Capital Programs, NJ TRANSIT

Speaker: Richard Schaefer, Senior Vice President, Capital Programs, NJ TRANSIT

49. MPO Executive Directors' Roundtable

(P) Room: Wildwood 12-13

This moderated, high-level session 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 address common issues, opportunities, and challenges regarding transportation planning in the state.

Moderator: Eric Powers, Assistant Commissioner of Statewide Planning, Safety, and Capital Investment, NJDOT

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

Speaker: Ariella Maron, Executive Director, DVRPC

Speaker: Jennifer Marandino, PE, Executive Director, SJTPO

50. Roadmap to Electric: A Community Guide to EV Adoption

(P) Room: Wildwood 18-19

What's happening in energy and transportation is nothing short of revolutionary – and the opportunities are unprecedented. You know it's happening. So do we. Success depends on a solid ground game. Join us to delve into strategies for municipalities, counties, and non-profit organizations to craft a roadmap for a deliberate transition. Attendees will acquire insights into leveraging grants, establishing themselves as trailblazers in the field, and attaining national recognition for their innovative endeavors.

Moderator: Krishna Murthy, President & CEO, EZ Ride

Speaker: John J. Adair, CCTM, CSSO, Transportation Director/CTAA Northeast Regional Director, Somerset County Division of Transportation

Speaker: Joey Haripersaud, Port Authority Operations Services, The Port Authority of NY & NJ

Speaker: Stanislav Jaracz, Ph.D., Assistant Manager, EV Accelerator Program, EZ Ride

Speaker: Laura O'Grady, Assistant Director of Facility Planning & Technology Integration, NJ TRANSIT

Speaker: Andrea Friedman, Supervisor- Electric Vehicle Programs, NJ DEP



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12:00 pm - 1:30 pm Sumptuous Luncheon Buffet (Use Wildwood 5 to Enter)

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 Kevin Corbett, President & CEO, NJTRANSIT

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1:45 pm - 2:45 pm

51. FIFA World Cup – When a Mega Event Comes to Your State

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

The FIFA World cup will take place in June 2026. Some of the games will take place at the stadium in Rutherford, New Jersey and other practice games and fan events will take place across the region. Parsons involvement in the 2022 World Cup supported the games and festivities in Qatar resulting in successful games for FIFA and the host committee. This session will cover some of the unique considerations of the World Cup and strategies implemented to ensure uneventful World Cup events.

Moderator: Rena Barta, Vice President Critical Infrastructure, Parsons

Speaker: Jim Kirkos, President & CEO, Meadowlands Regional Chamber of Commerce

Speaker: Lauren LaRusso, Co-Host City Manager & General Counsel, FIFA World Cup 26, NY NJ Host Committee

52. South Jersey’s Growing Economic Forces

(P) (E) Room: Wildwood 3

South Jersey stands as a pivotal Eds and Meds corridor, highlighted by academic centers like Rowan University, Rutgers Camden, Rowan College, and Camden County Community College and foundational institutions such as Cooper, Inspira, and Virtua Hospitals. This panel will explore the dynamic growth within this sector, particularly in Glassboro and Camden, where significant expansions are forecasted. By 2033, Rowan University is expected to witness an increase of 38,000 students and 6,000 employees, paralleled by a \$2 billion expansion of Cooper Hospital that aims to enhance patient care and educational facilities. Central to this development is the Glassboro-Camden Light Rail Line, designed to seamlessly connect the seven municipalities along its route, thereby enhancing accessibility to these institutions. With the initiation of GCL revenue service anticipated in 2029, this infrastructure project is set to further stimulate South Jersey's economic growth, building upon the region's already vibrant economic activities. The panelist will delve into the strategic implications of these developments, underscoring their potential to transform South Jersey's educational and medical landscape.

Moderator: John Manzoni, Planning Director, STV

Speaker: Michael Venuto, Chief Engineer, Delaware River Port Authority

Speaker: Louis S. Bezich, M.P.P., Senior Vice President & Chief Administrative Officer, Cooper University Health Care

Speaker: Phil Hagerty, City Council President, Woodbury

Speaker: Anthony Perno, Vice President of Real Estate and Development, American Academy Health System

53. NJDOT: Statewide Wrong Way Drive Concept of Operation - “Going the Right Way on Roadway Safety”

(P) Room: Wildwood 4

The Wrong Way Driving incidents on NJ roadways often result in a considerable threat to public safety and a significant economic burden. Existing preventive measures, such as signage and pavement markings, have sometimes been insufficient to mitigate wrong way driving incidents. Overall, the Department’s goal is to create an integrated concept of operations utilizing cutting-edge technologies, data-driven insights, and proactive strategies to reduce and ultimately eliminate wrong-way driving incidents, thereby enhancing road safety, and saving lives.

Moderator: Jose Romero, Project Engineer, Mobility Engineering, NJDOT

Speaker: Hirenkumar Patel, Principal Engineer, Mobility Engineering, NJDOT

Speaker: Kevin Hayes P.E, Senior Systems Engineer, HNTB

Speaker: Harold Calero, ITS Engineer, HNTB



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

54. The Port Authority of NY & NJ: Future-Proofing Your Workforce with Soft Skills Analytics and AI

Room: Wildwood 6

Unlock the potential of your workforce with our workshop, "Future-Proofing your Workforce with Soft Skills Analytics and AI. We will delve into the transformative power of harnessing soft skills (people skills) with artificial intelligence. In this workshop, you'll learn why soft skills are a powerful component in successful individuals and teams. You'll also learn how to spot soft skills by analyzing a hypothetical team's skills set and picking the best job candidate for that team. We'll share how Pyxal, an HR screening tool automates this process by using AI to determine the soft skills ability of job candidates or employees. Our panelist will share their perspective on how organizations can future-proof their workforce by embracing a more holistic approach using soft skills with the aid of AI to recruit and manage talent.

Moderator: Earlyne Alexander, Business Development Executive, Port Authority of NY & NJ

Speaker: Christopher Wolff, HR Program Director, Port Authority of NY & NJ

Speaker: Angela Edwards, Co-Founder, Pyxal

55. Browns Mills Bicycle and Pedestrian Action Plan

(P) (E) Room: Wildwood 7

The Browns Mills Bicycle and Pedestrian Action Plan presents a set of bicycle and pedestrian improvements for Browns Mills, NJ - a unique community that is located within the Pinelands National Reserve, home to the Deborah Heart and Lung Center, and adjacent to Joint Base McGuire-Dix-Lakehurst. For this project, DVRPC partnered with community members, Pemberton Township, Burlington County, and an advisory committee to develop detailed and achievable bike/ped recommendations for five locations throughout and around Browns Mills. The recommendations build on Browns Mills' existing bicycle and pedestrian infrastructure while still preserving the area's important natural resources, with the ultimate goal of creating safer and more complete roads, trails, and intersections that support better health outcomes and enhance connections to the Town Center, recreational destinations, and neighboring communities. A new DVRPC program, Supporting Communities, collaboratively aims to enhance DVRPC's responsiveness to the diverse needs and preferences of all communities, addressing barriers to implementing local transportation priorities. During the program's inaugural year, DVRPC and Pemberton Township staff are partnering to advance recommendations put forth in the Browns Mills plan. This session will discuss planning for bike/ped infrastructure in this unique community and how DVRPC is currently working with the Township to implement the proposed improvements.

Speaker: Amy Verbofsky, Manager, Healthy and Resilient Communities, Delaware Valley Regional Planning Commission

Speaker: Derek Lombardi, AICP, Senior Planner, Delaware Valley Regional Planning Commission

Speaker: Alyson Dressman, Capital Program Planner, Delaware Valley Regional Planning Commission

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

56. VIP Panel: The Future of Transportation Capital Funding and Planning: Lessons from the Past and a Vision for the Future

(P) Room: Wildwood 8-9-10

With the recent renewal of the NJ Transportation Trust Fund (TTF), New Jersey has another five years of capital funding for bridges, roads, rail, and other transportation infrastructure. However, despite New Jersey being a state that depends on tourism, is home to many of the bedroom communities that support New York and Philadelphia and is truly a corridor state for the entire East Coast, we lack a long-term solution for capital funding for the future. When Governor Kean created the TTF, he envisioned a revolving fund that issued manageable debt with a reasonable pay-go balance. Today, the TTF has accrued more than \$20 billion in debt, and a permanent solution is necessary to manage the current debt load while creating a funding source that allows the state to not only maintain the infrastructure they currently have, but also improve and expand our infrastructure to better support the taxpayers and the business community. This workshop seeks to draw on the perspectives of several transportation experts who can delve into the history of New Jersey's capital funding, the intent of its founders, where things went wrong, and discuss ideas on how to permanently fix and fund our state's infrastructure investment fund for the future. The panel will also focus on where a permanently and fully funded capital plan could lead, including utilization of new technologies and innovations that are ready to be rolled out in our State. Come discuss where the future of transportation in NJ should go and how we can get there.

Moderator: Anthony Attanasio, CEO, Hawk Strategies

Speaker: Sam Donelson, Senior VP, Region Business Line Leader, Transportation, NY/NJ Metro, AECOM and former Executive Director of the South Jersey Transportation Authority

Speaker: John Keller, Transportation Specialist Executive, Deloitte, and former Executive Director of the New Jersey Turnpike Authority

Speaker: Zoe Baldwin, Vice President of State Programs, Regional Plan Association, and Commissioner, South Jersey Transportation Authority

57. Investing in Rail Transportation: Ensuring the Economic Vitality of the Region

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

New Jersey and New York are inextricably linked--economically, socially, and politically. The Gateway Program seeks to address the demand for Trans-Hudson capacity, in recognition of this symbiotic relationship. With New Jersey's focus on transit-oriented development and growth in housing production in recent years, access to jobs and opportunities, services, and recreation are critical. This panel will explain why rail connectivity is so important, how the Gateway Program will address these acute needs sustainably, and why and how the completion of the nation's most urgent infrastructure project will provide benefits throughout the region and the country.

Moderator: Laura Colacurcio, External Affairs Manager, Capital Delivery, Gateway Program, Amtrak

Speaker: Stephen Sigmund, Chief Public Outreach Officer, Gateway Development Commission

Speaker: Sharon Tepper, AICP, Director, Infrastructure Planning & Development, Capital Delivery, Gateway Program, Amtrak

Speaker: Kate Ward, Director, Trans-Hudson Planning, NJ TRANSIT

58. Human Trafficking in Transportation

(P) Room: Wildwood 18-19

Busing On the Lookout (B.O.L.T.) is a national effort to engage America's Bus and Paratransit Drivers along with all Transit Staff who encounter the public to be on the lookout for Human Trafficking. Bus Drivers along with terminal employees and other staff can observe behaviors that may be indicators of someone being exploited or used for domestic sex trafficking, or as underage workers. Also, both legal and illegal persons from other Countries are sometimes taken advantage of since they have little to nowhere to seek assistance and are easy targets of traffickers. This workshop will feature a 30-minute video which explains exactly what transit staff should be looking for and what steps they can take.

Presenter: Michael Noel, Noel Training & Consulting, LLC



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Exhibit Hall Open all afternoon until 5:00pm. Reopens at 6:00 pm for Networking Reception

2:45 pm - 3:45 pm **No Workshops, Visit Exhibits in Exhibit Hall.**

3:50 pm - 4:50 pm

59. Special TransAction Update -- The Hudson Tunnel Project - Funding and Delivering the Nation's Largest, Most Urgent Infrastructure Megaproject

(P) Room: Wildwood 1-2

In this multi-part panel, presenters will discuss progress on the Hudson Tunnel Project (HTP) and preview what is to come in 2024. The Gateway Development Commission (GDC) will provide the industry with a timely update on procurement opportunities; the Project's funding and construction status; risks associated with the HTP; and how the Gateway Development Commission (GDC), the States, Amtrak, and the partners are managing delivery risk as the Project rapidly advances.

Part I: Introduction to the Hudson Tunnel Project

Speaker: Kris Kolluri, CEO, Gateway Development Commission

Part II: Hudson Tunnel Project Procurement Update

Speaker: Robert Hickman, Chief Administrative Officer, Gateway Development Commission

Speaker: Madeleine McDonnell, Chief of Staff and Policy Advisor, Gateway Development Commission

Speaker: Megan Strickland, Deputy Chief Program Officer, Gateway Development Commission

Part III: Audience Q&A with Full Panel

Moderator: Kris Kolluri, Chief Executive Officer, Gateway Development Commission

60. The Impact of a Railroad on a County's Tourism Industry

(P) Room: Wildwood 3

Hear from various representatives in tourism, County government and railroad tourism operators on how railroads enhance the experience for tourists visiting areas and spending hard earned dollars in these counties throughout the state.

Speaker: Bob Bailey, President, New Jersey Railroad Association

Speaker: Nathaniel Guest, President, Colebrookdale Railroad Preservation Trust

Speaker: Paul Harland, Director of Passenger Operations, SMS Rail Lines

Speaker: Chris Cotty, President, The Delaware River Railroad Excursions

61. Planning a Reliable and Equitable EV Charging Network

(P) (E) Room: Wildwood 4

Planning for Electric Vehicle charging stations creates an opportunity for New Jersey to deploy charging stations with the multi-faceted approach of addressing climate change and reducing reliance on the single occupancy vehicle. This presentation will look at planning for a reliable EV network that supports adoption and equity. The workshop team will provide a look into the data and resources available to regions to compare sites and prepare deployment plans.

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

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

Speaker: Kristen Ahlfeld, PP, AICP, Director of Client Services, FHI Studio



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NJ TransAction Conference Program Schedule and Workshop Sessions

Wednesday, May 1, 2024

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

62. 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: Zenobia L. Fields, WTS NJ President

Speaker: Girishkuma Patel, Executive Manager, Capital Program Management, NJDOT

Speaker: Jennifer Buison, Assistant Director of Capital Planning, NJ TRANSIT

Speaker: Michael Garofalo, Chief, Engineer, NJ Turnpike Authority

Speaker: Stephen M. Mazur, Chief Engineer / Director of Engineering, South Jersey Transportation Authority

Speaker: Rizwan Baig, Chief Engineer, PANYNJ

63. NJ DOT: Road to Safe System in NJ

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

Discuss the Safe System Approach and how we are integrating it in NJ through the implementation of NJ 2020 SHSP, Road Safety Audits, proactive safety (Systemic Analysis), and highlighting the Safe System Approach Workshop, which was first of its kind in the nation.

Moderator: Daniel LiSanti, P.E., Manager, Bureau of Safety, Bicycle & Pedestrian Programs (BSBPP), NJDOT

Speaker: Jeevanjot Singh, PMP, Section Chief, Safety Program Management, BSBPP, NJDOT

Speaker: Khalid Sheikh, Project Engineer, BSBPP, NJDOT

Speaker: Elizabeth Wemple, P.E., RSP1, Senior Transportation Safety Engineer, HDR

Speaker: Alan J. Huff, Safety Specialist, NJ Division of Federal Highway Administration

64. Transit Agency Catastrophic Loss and Business Continuity (Part 1 of 2)

(P) Room: Wildwood 18-19

How will your Agency function in the face of disaster, including major incidents, accidents, cyberattacks, and various other business disruptions. The workshop will provide a comprehensive review of policies and procedures transit agencies should have in place, along with various tips and lessons learned. Attorney Jill Nagy will help prepare your transit agency before the loss occurs. The content of this course is appropriate for any/all departments within your transit agencies.

Presenter: Jill Nagy, President and Managing Partner, Summers Nagy Law Offices, Wyomissing, York and Johnstown, PA

5:00 pm - 6:00 pm

65. DVRPC's Electric Vehicle Task Force for First Responders: Operational Complexities of Electric Vehicles

(P) Room: Wildwood 1-2

To keep pace with the ever-evolving fleet on the roadway, DVRPC, in partnership with first responders, DOTs, and other transportation professionals, developed an Electric Vehicle Task Force. The primary purpose of the task force is "dedicated to improving outcomes of EV-related incidents on roadways in the Delaware Valley region." This session will detail the development and evolution of the task force, as well as highlight some of the specific operational challenges EVs pose to first responders and others out on the roadways.

Speaker: Justin Neff, Manager, Traffic Management Program, Delaware Valley Regional Planning Commission

Speaker: Kayla Bancone, Transportation Planner, Delaware Valley Regional Planning Commission



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NJ TransAction Conference Program Schedule and Workshop Sessions

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

66. Bus Traffic Signal Priority: All Aboard!

(P) (E) Room: Wildwood 3

The addition of a new travel lane to increase throughput on the majority of New Jersey's arterials can be cost prohibitive. This session will examine how sound planning of near- and far-side bus stops when coupled with transit signal priority technology can facilitate the safe, orderly and efficient movement of traffic, pedestrians and bus passengers. Advantages and disadvantages to multiple approaches will be presented.

Moderator: Jeffrey P. Arch, PE, Senior Project Manager, HNTB Corporation

Speaker: Kelly McVeigh, Manager, Division of Traffic, New Jersey Department of Transportation

Speaker: Matthew Junak, PE, Senior Project Manager, HNTB Corporation

Speaker: Kevin Hayes, PE, Senior Systems Engineer, HNTB Corporation

67. Where Public Art Meets Public Safety: How NJ Municipalities Are Using Art to Slow Traffic and Improve Safety

(P) (E) Room: Wildwood 4

Cities worldwide are increasingly recognizing the transformative power of art as an effective and low-cost strategy to enhance street safety, calm traffic, and heighten driver awareness of pedestrians. This approach fosters interagency collaboration and augments the city's ability to engage with artists and community groups on creative projects. Discover the collaborative initiative between the City of Passaic, EZ Ride, and the Bloomberg Foundation, exemplifying the impactful fusion of artistic endeavors with improved street safety.

Moderator: Jeffrey Perlman, AICP, PP, Senior Director of Planning, NJTPA

Speaker: Hector Lora, Mayor, City of Passaic

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

Speaker: Nicholas Mosquera, Bloomberg Associates

68. A Collaborative Design Approach with an Agency Partner

(P) (E) Room: Wildwood 6

This session will highlight how a collaborative design with an informed owner can effectively deliver a diverse array of projects on time and on budget. Specific examples will be highlighted from Parsons' most recent Term Agreement with the NY State Thruway Authority including bridge replacements, bridge rehabilitations, and scour repair projects. Although routine at face value, each assignment required coordination across multiple disciplines (structural, geotechnical, drainage, and highway) and with various project stakeholders.

Presenter: Daniel Levine, PE, Project Manager, Parsons

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: Zenobia L. Fields, WTS NJ President

Speaker: Girishkuma Patel, Executive Manager, Capital Program Management, NJDOT

Speaker: Jennifer Buison, Assistant Director of Capital Planning, NJ TRANSIT

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Speaker: Stephen M. Mazur, Chief Engineer / Director of Engineering, South Jersey Transportation Authority

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NJ TransAction Conference Program Schedule and Workshop Sessions

Wednesday, May 1, 2024

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

70. Challenges and Opportunities with Complete Streets Implementation

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

Complete Streets are being championed at federal, state, and local levels in an effort to combat the rise of roadway fatalities and serious injuries and provide safer and more equitable accommodation for all roadway users, particularly vulnerable road users. However, Complete Streets implementation can be challenging due to physical or operational constraints, skepticism, or local pushback, among other issues. This session will cover common push back to Complete Streets and present different approaches to communicate benefits and support implementation in our communities.

Moderator: Anthony Durante, AICP, RSP, Senior Associate, Michael Baker International

Speaker: Nazhat Aboobaker, PhD., PE, MBA, PMP, Section Chief-Planning, Complete Streets Implementation, NJ DOT

Speaker: Laura Torchio, AICP, Technical Advisor & Director of Placemaking, NV5

Speaker: Thomas DiBiase, PE, RSP, Project Manager, Michael Baker International

Speaker: Courtenay D. Mercer, AICP, PP, Principal, Mercer Planning Associates

71. Transit Agency Catastrophic Loss and Business Continuity (Part 2 of 2)

(P) Room: Wildwood 18-19

How will your Agency function in the face of disaster, including major incidents, accidents, cyberattacks, and various other business disruptions. The workshop will provide a comprehensive review of policies and procedures transit agencies should have in place, along with various tips and lessons learned. Attorney Jill Nagy will help prepare your transit agency before the loss occurs. The content of this course is appropriate for any/all departments within your transit agencies.

Presenter: Jill Nagy, President and Managing Partner, Summers Nagy Law Offices, Wyomissing, York and Johnstown, PA

6:00 pm - 8:15 pm - Networking Reception in Exhibit Hall

(All exhibits will be open and staffed.)

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Wednesday Evening Networking Reception Sponsor

* Dewberry * Entech Engineering * EV Resource Group *

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* South Jersey Transportation Authority * TechniQuest Corporation *

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NJ TransAction Conference Program Schedule and Workshop Sessions

Thursday, May 2, 2024

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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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2024 NJ TransAction Conference

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Bring Your Luggage to Wildwood Room 18-19



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NJ TransAction Conference Program Schedule and Workshop Sessions

Thursday, May 2, 2024

(P) = Planning ACIP Credits

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8:45 am - 9:45 am

72. De-Escalating Stressful Situations with Passengers (Part 1 of 3)

(P) Room: Wildwood 1-2

Bus Operators have little control over the mood riders show up in; however, they do have control over their own personal reactions, which when used skillfully can keep situations from escalating into full blown incidents or possibly violent situations. This workshop will explore skills you may use to de-escalate stressful situations such as understanding conflict, controlling your emotions, verbal judo and understanding your own stress.

Presenter: Michael Noel, Noel Training & Consulting, LLC

73. Climate Transition Risk, Opportunities, and Strategies in Transportation

(P) (E) Room: Wildwood 3

The workshop will explore risks, opportunities, and strategies to address sector-specific climate change impacts including the risks of doing nothing as well as transition risks associated with various climate change strategies. Key goals of the workshop include: 1) distinguishing between climate change mitigation and adaptation; 2) identifying strategies for both climate change mitigation and adaptation; and 3) describing the findings of a benchmarking study conducted among a broad range of diversified transportation agencies.

Moderator: Michael Steinle, Vice President, Resiliency Practice, Marine Tiger Technologies

Speaker: Russ Dudley, PE, LEED AP, Associate Vice President, Arcadis of New York, Inc.

Speaker: Erin Hill, Energy and Sustainability Specialist, NJ TRANSIT

Speaker: Nicole C. Ochroch, PhD, PE, Senior Engineer, Delaware River Port Authority

Speaker: Dr. Dan Barone, Associate Research Professor, Center for Advanced Infrastructure and Transportation, Rutgers University

74. NJ TRANSIT: Regional Transit Agency Cooperation in Challenging Times of Reduced Ridership and Revenues

(P) Room: Wildwood 4

Four years after the COVID-19 pandemic began, NJ TRANSIT, like its regional transit agency partners, is working to monitor, better understand, and respond to ongoing changes in mobility needs and desires. To this end, NJ TRANSIT is continuing a cooperative effort it galvanized early in the pandemic when it brought together partner regional transit agencies, including PATH, SEPTA, PATCO, MTA, and CONN DOT. The partners continue to discuss the changing mobility landscape and share ideas to maximize quality service options. This panel will bring together key representatives to share their ongoing work.

Moderator: Ron Marsico, Senior Project Manager with InGroup Inc.

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

Speaker: Joseph Quinty, Director of Project Planning, NJ TRANSIT

Speaker: Jody Holton, Assistant General Manager of Planning and Strategic Services, SEPTA

Speaker: Beth Siegel, Deputy Director, Business and Program Delivery, PATH

75. NJ State EV Parking Requirements - Let's All Get on the Same Page!

(P) Room: Wildwood 6

Now that the NJ DCA Model Statewide Municipal EV Ordinance was signed into law by Governor Murphy on July 9, 2021, there are many people that are unaware of this ordinance, and more importantly, how to apply it. This session will review the ordinance, identify when to use it, who should use it, how to use it, and suggested improvements to the ordinance to enhance it.

Moderator: Lou, Luglio, PE, Associate Vice President, HNTB

Speaker: Maria, Connolly, PP, AICP, Principal Planner - Local Planning Services, New Jersey Department of Community Affairs

Speaker:

Speaker:



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NJ TransAction Conference Program Schedule and Workshop Sessions

Thursday, May 2, 2024

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

76. Fundamentals of Intelligent Transportation Systems (ITS)

(P) (E) Room: Wildwood 7

Intelligent Transportation Systems (ITS) is a wide umbrella term encompassing an ever-evolving group of technologies to support agencies large and small in meeting goals for roadway management and safety. The Intelligent Transportation Society of New Jersey (ITS NJ) is presenting this session to share an overview from basics to emerging approaches including lessons learned. One aspect that may be especially useful for planners and engineers is understanding the streams of data available through ITS sources. Planners should also know that they should be stakeholders in ITS project development to express needs that may be supported by ITS, either that directly support transportation goals such as improving travel time reliability or that provide needed data.

Moderator: Brad J. Miller, P.E., PP, PTOE, LEED AP, Associate Vice President, Department Manager – Traffic, ITS, & Electrical Engineering, Michael Baker International

Speaker: Kathleen M Swindler, P.E., PTOE, Senior ITS Engineer, Drive Engineering

Speaker: Farukh Ijaz, P.E., Managing Partner & President, Consulting Services USA

77. New MUTCD (11th Edition)...What has Changed.

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

The new Manual on Uniform Traffic Control Devices was released on December 19, 2023. This session will cover what's new in the new MUTCD.

Moderator: Jeevanjot Singh, PMP, Section Chief, Safety Program Management, BSBPP, NJDOT

Speaker: Gordon Meth, P.E., P.P., PTOE, PTP, RSP1, Highway Engineering Practice Group Leader, Robson

Speaker: Seth Zubatkin, PE, Traffic Engineer, HDR

78. Advancing Micromobility Safety and Access in New Jersey

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

As the popularity of micromobility options like e-bikes and e-scooters continues to grow, communities across New Jersey are contending with how best to address this boom in a way that supports safety, access, and mobility for all road users. This session will explore emerging research and resources related to micromobility classification, regulation, and safety with a focus on increasing understanding among law enforcement, elected officials, and the public.

Moderator: Elise Bremer-Nei, AICP, PP, Bicycle and Pedestrian Coordinator, NJ DOT

Speaker: Samuel Rosenthal, AICP, Research Project Coordinator, Alan M. Voorhees Transportation Center, Rutgers University

Speaker: Hannah Younes, PhD, Post-Doctoral Research Associate, Alan M. Voorhees Transportation Center, Rutgers University

Speaker: Jack Molenaar, AICP, PP, Supervising Planner, Middlesex County Office of Planning



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NJ TransAction Conference Program Schedule and Workshop Sessions

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9:45 am - 10:30 am

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Bring Your Luggage to Wildwood Room 18-19

10:30 am - 11:30 am

79. De-Escalating Stressful Situations with Passengers (Part 2 of 3)

(P) Room: Wildwood 1-2

Bus Operators have little control over the mood riders show up in; however, they do have control over their own personal reactions, which when used skillfully can keep situations from escalating into full blown incidents or possibly violent situations. This workshop will explore skills you may use to de-escalate stressful situations such as understanding conflict, controlling your emotions, verbal judo and understanding your own stress.

Presenter: Michael Noel, Noel Training & Consulting, LLC

80. Design-Build Case Study-Geotechnical Instrumentation and Monitoring for Optimized Underground Construction in Urban Areas

(E) Room: Wildwood 3

In densely populated urban environments, there is escalating demand for essential infrastructure necessitates innovative strategies. Underground construction and mechanized tunneling have emerged as key approaches to meet these demands. However, conducting excavations in such urban areas presents significant challenges and prerequisites. Geo-instrumentation, a critical element in modern engineering practices, is often employed to monitor ground behavior during underground construction.

Presenter: Saeedeh Rezaei



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

81. NEW Parking Generation Data/Methods: You're In My Space!

(P) (E) Room: Wildwood 4

The Institute of Transportation Engineers (ITE) has recently published the New ITE Parking Generation Manual with new and consolidated Land Use Codes, including data sets for potential development sites within walking distance of train stations/public transit hubs. What are the new trends, how does this relate to US Census data regarding vehicle ownership, and public transit usage? Lastly, how can this data relate to the Urban Land Institute (ULI) Shared Parking methodology, if at all?

Moderator: Louis Luglio, PE, Associate Vice President, HNTB

Speaker:

Speaker:

Speaker: Louis Luglio, PE, Associate Vice President, HNTB

82. Travel Options Program (TOP): TDM Projects Implemented and Grant Opportunities

(P) Room: Wildwood 6

The Travel Options Program (TOP) is DVRPC's competitive grant program that funds innovative TDM projects in the greater Philadelphia region. TOP targets projects that aim to reduce the number of single occupancy vehicles (SOVs) on roadways and improve accessibility, equity, and freedom of choice across all modes of transportation. This session will present the overarching structure, strategies, and goals of the program as well as the outcomes of awarded TOP projects.

Speaker: Kayla Bancone, Transportation Planner, Delaware Valley Regional Planning Commission

Speaker: Stacy Bartels, Manager, Office of TDM Strategy and Marketing

83. NJ DOT: What's Your Sign? - Decoding the Landscape of Outdoor Advertising

(P) Room: Wildwood 7

This is a lectern session to discuss Outdoor Advertising, regulations, permitting and licensing.

Speaker: David Bruccoleri, Senior Director, Local Aid & Economic Development, NJDOT

Speaker: Gregory Harbach, Administrative Analyst, Local Aid & Economic Development, NJDOT

84. What is New Jersey's Energy Future?

(P) Room: Wildwood 8-9-10

With the recent collapse of the Ørsted Wind Project with no short-term options, hear from professionals in the energy field - fuel, natural gas, electric, and green solutions on how we should incorporate a balanced approach in building a sustainable energy future.

Moderator: Erica Breiterman, Director, Manufacturing Partnerships Manufacturing, Incentives & Tax Credits, NJEDA

Speaker: Richard Mroz, Senior Director of Strategy and Regulatory Affairs, Archer Public Affairs and Former NJBPU President

Speaker: Dennis Hart, Executive Director, Chemistry Council of New Jersey; President, State Street Associates and former Assistant Commissioner, New Jersey Department of Environmental Protection

85. NJ TRANSIT's Zero Emissions Transition

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

This workshop will discuss the challenges of converting NJ TRANSIT's infrastructure, facilities, and rail and bus fleets to zero emissions.

Moderator: Zoe Baldwin, Vice President of State Programs, Regional Plan Association, and Commissioner, South Jersey Transportation Authority

Speaker: Warren Berry, Director of Zero Emissions Planning, Capital Programs, NJ TRANSIT

Speaker: Hao Wang, Professor and Graduate of Civil and Environmental Engineering, Rutgers University

Speaker: Steve Jenks, Principal Technologist, Jacobs/ Rutgers Center for Advanced Infrastructure and Technology



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Thursday Deli Lunch Sponsors

NJ Council on Special Transportation

TransAction Thursday is full of many informative workshop sessions. We want you to stay until the final sessions are over AND a buffet Deli & Salads w/Desserts is being provided. Lunch will be served starting at 11:30 AM. Grab your lunch and eat in in your last workshop session of 2024. ENJOY!

Deli Lunch is located by the Wildwood Meeting Rooms in the Pre-Function Hallway #3

11:40 am - 12:40 pm

86. De-Escalating Stressful Situations with Passengers (Part 3 of 3)

(P) Room: Wildwood 1-2

Bus Operators have little control over the mood riders show up in; however, they do have control over their own personal reactions, which when used skillfully can keep situations from escalating into full blown incidents or possibly violent situations. This workshop will explore skills you may use to de-escalate stressful situations such as understanding conflict, controlling your emotions, verbal judo and understanding your own stress.

Presenter: Michael Noel, Noel Training & Consulting, LLC

87. NB-HCE Improvements Program: The First Project (Interchange 14 to 14A) - Enhancing Safety, Mobility and Resiliency for the next 100 years

(P) (E) Room: Wildwood 3

The NB-HCE Improvements Program will rebuild the aging bridges and roadway to ensure safety, reduce congestion and provide important mobility and access benefits to overburdened communities in Newark, Bayonne, and Jersey City. This Program is vital to the local, state, and regional economy, creating a transportation legacy serving communities, commuters, tourists, and port commerce. The Program's highest priority project, Interchange 14 in Newark to Interchange 14A in Bayonne and Jersey City.

Presenter: Lisa Navarro, P.E. Supervising Engineer, NJ Turnpike Authority

Presenter: Anthony Piechnik, P.E. Vice President, HNTB



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

88. Utility Coordination and Relocations: Review of NJDOT Utility Process

(E) Room: Wildwood 4

This workshop will review the current NJDOT utility process for concept development, preliminary engineering, and final design phases. The utility process for any transportation project can be challenging, frustrating, and rewarding at the same time. On most transportation projects, utilities are impacted. Design changes, accelerated schedules, lead time to order materials, and limited ROW, construction staging requirements, seasonal restrictions and temporary facilities are some examples that can cause significant delays and costs to transportation projects. The design of the utility facility located within the project limits requires coordination among the agencies that own the facility, the designer, and the utility owners. Other items to be discussed will be the current ASCE/UESI/CI 38-22 (Standard Guidelines for investigating and documenting existing utilities), ASCE/UESI/CI 75-22 (Standard Guidelines for recording and exchanging utility infrastructure data), preparation of utility contact list/tracking form, utility contact letters, utility agreement plans, utility checklists, utility plans, utility cost estimates and 44 years of lessons learned in preparing utility documents for transportation projects.

Presenter: Ronald R. Rotunno, PE, Supervising Engineer, WSP

89. Intelligent Transportation Systems (ITS) for Roadway Operations including Overview and Examples of PennDOT I-476 Hard Shoulder Running Project and Maine DOT Weather Responsive Traffic Signal Operations

(P) (E) Room: Wildwood 6

Intelligent Transportation Systems continue to evolve to support traffic operations in new ways well beyond the traditional traffic cameras and dynamic message signs. This session will present the foundational concepts of Transportation Systems Management and Operations (TSM&O) including how it utilizes ITS technologies. Two examples that will be presented in detail are the recent PennDOT I-476 Hard Shoulder Running Project and the current Maine DOT initiative to use real-time weather and pavement conditions to adjust traffic signal operations.

Moderator: Kathleen Swindler, P.E., PTOE, Senior ITS Engineer, Drive Engineering

Speaker: Sandi K. Yeakley, P.E, Senior Project Manager and Principal Associate, Benesh

Speaker: Kevin Hayes, P.E., Senior Engineer, HNTB

90. NJ DOT: Advanced Traffic Engineering Practices: NJDOT Division of Traffic Engineering Strategies

(P) (E) Room: Wildwood 7

This session highlights the state of the practice for various Traffic Engineering strategies to provide the safest and most efficient transportation network for road users. Active Arterial Management leverages Intelligent Transportation Systems (ITS) such as camera surveillance and probe vehicle data as well as connected traffic signals. NJDOT utilizes these technologies to manage arterials in real time. Operational Safety Scenarios focusing on pedestrian and vehicle safety and efficiency include Lead Pedestrian Intervals (LPis), passive pedestrian detection, red-light extension to reduce pedestrian-vehicle conflicts at signalized intersections, and NJDOT's first deployment of flashing yellow arrows. Updated practices, including national changes, for setting speed limits on roadways will discuss approaches that consider surrounding land use, road safety statistics, and other factors to optimize speed limits.

Moderator: Zahin Rabbi, Senior Engineer Traffic, Division of Traffic Engineering, NJDOT

Speaker: Kelly McVeigh, Executive Manager, Bureau of Traffic Engineering South, Division of Traffic Engineering, NJDOT

Speaker: Syed Kazmi, Executive Manager, Bureau of Traffic Engineering North, Division of Traffic Engineering, NJDOT

Speaker: Altin Aliaj, Supervising Highway Engineer 2 Traffic, Division of Traffic Engineering, NJDOT



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

91. Resiliency and Sustainability for Transportation Infrastructure

(P) Room: Wildwood 8-9-10

A dynamic presentation to provide an overview of resiliency and sustainability concepts as they relate to transportation infrastructure, showing specific examples from a resiliency assessment of an Interstate Highway Project. The Envision framework for assessing sustainability, resiliency and equity in infrastructure will be discussed, highlighting applicability to transportation systems.

Moderator: Heather Heeter, Associate VP, Transportation Department Leader, Verdantas

Speaker: Gina Tonn, PhD, PE, CFM – Principal, Sustainability Practice Leader, Verdantas

Speaker: Stephen Szewczak, PE, ENV-SP, Senior Engineer, Verdantas

92. AI Machine Learning for Traffic Counting

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

While developing and executing count programs, a combination of permanent and short-term traffic counts are used to meet the goals of the program. One of the challenges with short-term counts is collecting accurate axle-based classification data on multi-lane highways where permanent stations are not feasible for either cost or safety reasons. DOT's and consultants have struggled to find portable equipment that will collect accurate axle-based classification data that meets internal data needs and FHWA reporting requirements. In conjunction with NJDOT, Michael Baker staff have been testing the Leetron Vision A.I. Count system, a video-based system that automatically identifies vehicle classification from the video. In addition, it uses an A.I. based learning algorithm to increase the accuracy of the classification by matching specific vehicle type. This presentation will present setting up this system, the procedures for the testing, the outcome of this testing, and the usability of the system as a whole.

Moderator: Kevin McElwain, Project Manager, Michael Baker International, Inc.

Speaker: Mark Andreychik, Field Collection and Processing Lead, Michael Baker International, Inc.

Speaker: Antoun Abraham, Principal Engineer Planning, Highway Safety, NJDOT

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NJ TransAction 2025

April 15, 16, & 17



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