

NJ TransAction Conference Program Schedule and Workshop Sessions

DRAFT WORKSHOP SESSIONS AS OF 3/21/2023. UPDATES AND CHANGES WILL CONTINUE

Tuesday, April 18, 2023

(P) = Planning ACIP Credits

(E) = Engineering PDH Credits

10:00 0am - 4:00 pm Registration Desk Opens, 4th floor South Tower Hallway Near Escalator

10:00 am - 8:00 pm Exhibitor Set-up in the Grand Exhibit Hall

3:25 pm – 6:00 pm **Exhibit Hall OPENS For All Attendees**

10:30 am – 12:00 pm

1. Enhancing Regional Accessibility through Microtransit

(P) (E) Room: Carousel (South Tower)

Microtransit is an innovative form of public transportation that can help rural, suburban, and urban areas provide transit access to disadvantaged and hard-to-serve communities. Highlighting two geographically diverse areas—Jersey City and Atlantic County—this session will introduce microtransit, discuss the experiences of Jersey City designing and implementing an urban microtransit service, and provide an overview of a microtransit feasibility study recently conducted in rural western Atlantic County in the Town of Hammonton, Borough of Folsom, Buena Vista Township, and the Buena Borough communities of Buena, Landisville, and Minotola. The session will be interactive and allow the audience to engage with the panelists and ask questions throughout.

Speaker: Luba Guzei, Principle, Via Mobility, LLC.

Speaker: Mike Manzella, Director of Transportation, City of Jersey City

Speaker: Nate Dorfman, Senior Transportation Planner, Cross County Connection TMA

Speaker: Taylor Waymire, Assistant Planner, Capital Programming & Project Development, SJTPO

Speaker: Lily Goodspeed, Senior Associate, Connect the Dots

2. Locally Driven Bicycle and Pedestrian Safety Campaigns for Your Community

(P) (E) Room: Pageant (South Tower)

This session will review the Street Smart NJ, Pedestrian Safety Education and Enforcement (PSEE) and Bicycle Safety Education and Enforcement (BSEE) safety campaign initiatives. The session will profile how these initiatives can be community driven, low cost, and effective. The session will review best practices and provide practical advice in developing a safety campaign in your community!

Moderator: Ranjit Walia, Founder/CEO CEC

Speaker: Ranjit Walia, Founder/CEO CEC

Speaker: William Yarzab, Street Smart NJ Coordinator, NJTPA

3. BIM Technologies for Bridge & Roadway Projects

(E) Room: Parade (South Tower)

This workshop will cover the applications of BIM Technologies in bridge and roadway projects with a primary focus on redevelopment of existing structures. Different uses of BIM such as an accurate capture of the existing structures and quantities, a centralized database of project components, asset data and geo-coordinates, and augmented visuals and design.

Speaker: Sam Tahmasebi, PE, Associate VP, VDC Technology

Speaker: Mina Saleh, Manager, VDC Technology

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4. NJDOT Multimodal Programs and Priorities for 2023

(P) Room: Rolling Chair (South Tower)

This panel will provide an opportunity to learn about NJDOT's freight-related multimodal projects and priorities for calendar year 2023 and beyond, many of which will benefit from the perspectives of local and regional transportation stakeholders. Perspectives on rail freight, marine highway, and freight system safety and performance will be discussed. During this panel, questions can be asked and perspectives should be shared so that both panelists and attendees can benefit from new information. Attendees can meet/greet project managers to engage more directly in multimodal planning processes. Grants management staff will provide an overview of new grant management tracking and mapping for the Rail Freight Assistance and Airport Improvement Programs, and how these improvements will lead to programmatic and system-wide improvements.

Moderator: Genevieve Clifton, Manager, Division of Multimodal Services, NJDOT

Speaker: Bhavin Kapadia, Office Lead, Office of Grants Management, NJDOT

Speaker: Kate Moran, P.S.M., Technical Lead, GPI Inc.

Speaker: Janice Marino-Doyle, Office Lead, Office of Freight Planning, NJDOT

Speaker: Stephen Chiamonte, AICP/PP, Director, Transportation Planning, WSP USA Inc.

Speaker: Alan Meyers, Senior Vice President, Advisory Services WSP USA Inc.

Speaker: Jonathan Kennedy, Vice President, Infrastructure, New Jersey Economic Development Authority

Speaker: Scott J. Parker, PE, Sr. Project Manager, Jacobs Engineering Group Inc.

5. Traffic Signals 101

(E) Room: Seaside (South Tower)

As part of the ITS NJ, ITE, and CAMTEA Traffic Signals Committee Launch, this session will provide an overview of Traffic Signals for all audiences. Topics include Signal Operations Terminology, Signal Components and Equipment Overview, Traffic Signal Timing and Operation Fundamentals, and the Basics of Traffic Signal Systems.

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

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

Speaker: Jeffrey L'Amoreaux, P.E., Senior Associate Sam Schwartz Engineering

6. COVID-19 and its Impact on Travel and the Material Supply Chain

(P) Room: Salon #1 (North Tower)

In 2020, when COVID 19 was declared a global pandemic, there were significant impacts caused by the spread of the deadly virus, the majority of which were health related concerning the personal well-being and safety of humans. There were many ancillary impacts that caused ripples across all facets of life including construction projects. The most profound impacts have been a serious disruption in supply chains - especially for technology and tech related projects. Procedures are NOT "business as before," as new and innovative techniques and methods need to be developed and discussed for ensuring completion of technology projects on time and within budget. This session will focus on supply chain issues, changes in travel patterns, and travel-related behavior created by the COVID-19 pandemic.

Moderator: Wasif Mirza, Director, Division of Mobility Engineering, NJ DOT

Speaker: Al Brenner III, P.E., Director, Construction Management, Advantage Engineering Associates P.C.

Speaker: Mike Kling, P.E., PTOE, PMP, Vice President, DOT Alternative Delivery, North America, Engineering, Design and Project Management ATKINS Global

Speaker: Tim Herlihy, P.E., Senior Engineer, Greenman-Pedersen, Inc.

Speaker: Jonathan Martinez, Contract Administrator 3, Division of Mobility Engineering, NJ DOT

Speaker: Matthew Gates, Associate Director, Travel Trends and Forecasts, DVRPC

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7. Electric Vehicle Considerations for First Responder

(P) Room: Salon #2 (North Tower)

How are we preparing first responders to deal with the challenges associated with increased electric vehicle volumes on New Jersey roadways? This session will address the hazards, training, funding, and other considerations responders will need to safely and effectively handle the influx of EVs across the state.

Moderator & Speaker: Kayla Bancone, Transportation Planner, DVRPC

Speaker: Anthony Correia, President, New Jersey State Fire Chiefs Association

Speaker: Joseph Haines, President, Haines Towing

Speaker: Robert Pomykala, Senior Safety Planner, NJDOT

12:00 pm – 1:00 pm

Lunch on your own. There are numerous restaurants, fast food and kiosks located throughout the Tropicana. Visit the Tropicana web site at www.tropicana.net for a list of places to eat.

1:00 pm – 2:15 pm

8. How to Meet NJ Zero Emission Goals: Available Vehicles, Infrastructure, Funding and Training (Part 1 of 2) (Community Transportation)

(P) Room: Carousel (South Tower)

A discussion of current and near term available zero emission vehicles, and the necessary infrastructure. The presenters will discuss the technologies, the costs of going to zero emission, and what available incentives are in New Jersey from Federal, State, and Utility sources. In Part 2; the presentation will focus on what training will be necessary to operate and maintain the vehicles and the infrastructure.

Moderator:

Speaker: Barry Carr, Director, Business Development, ABM eMobility

Speaker: Chuck Feinberg, Executive Vice President, Greener by Design LLC / Executive Director, New Jersey Clean Cities Coalition

Speaker:

9. NJDOT and I-Bank: A Partnership in Savings

(P) Room: Pageant (South Tower)

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. Presenters will provide an overview of the I-Bank's application process through NJ-Moves and cover topic areas such as eligible projects, allocation, contract certifications, short-term closing, concurrence of award, and long-term closing. Interest rates and financial benefits will also be covered as part of the discussion. NJDOT will provide an overview of the benefits associated with Local Aid Program through its cost savings grants and the application timeline and process associated with the grant program.

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

Speaker: Brian Wirtz, Specialist 1, Local Aid Program, NJ Department of Transportation

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1:00 pm – 2:15 pm Continued)

10. **NJ TRANSIT: Federal Grants Primer**

(P) Room: Parade (South Tower)

This workshop session is a roundtable discussion on the Federal Grants process.

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

Presenter: Matthew McHale – NJ TRANSIT Deputy Chief of Staff

Presenter: John Gray – Acting Chief, Capital Compliance, Budget & Administration, NJ TRANSIT

Presenter: Marc Albrecht – Senior Director, Grant Administration and Compliance, NJ TRANSIT

11. **State of Distribution Warehouse Construction in the State of New Jersey**

(P) Room: Seaside (South Tower)

Come and listen with the New Jersey Railroad Association on the blistering pace of massive facility construction thru-out the state of New Jersey. Will this pace continue? Can the market absorb all this capacity? Will we begin to see facilities built on 'spec' sitting empty for extended periods. Hear from professionals in the brokerage and banking industry explain how we got where we're at and what the future holds.

Moderator: John McCreavy, New Jersey Railroad Association, President

Speaker: Matt Marshall, Principal & Industrial Brokerage, Avison Young Commercial Real Estate Brokerage

Speaker: Tom Keiser, Relationship Manager & Client Advisor, Meridian Bank

12. **Safe Design and Operational of Urban Traffic Signals**

(E) Room: Rolling Chair (South Tower)

Traffic Signals are often installed at high-volume and high-conflict locations. In urban environments, signalized intersections are often correlated with locations of increased exposure to pedestrian crashes. In conjunction with the launch of the ITS NJ, ITE, and CAMTEA launch Traffic Signals Committee, this session will discuss approaches to improve safety, especially vulnerable users, at urban traffic signals, often through low-cost operational and/or quick build opportunities.

Moderator: Andy Kaplan, P.E., PTOE, Co-Chair, ITS NJ/ITE/CAMTEA Traffic Signals Committee & Manager, Planning for Operations and Technology, NJTPA

Speaker: Mike Manzella, AICP, Director of Transportation, Jersey City

Speaker: TBD, NJDOT (invited)

Speaker: TBD, NYCDOT (invited)

13. **Trespassing Prevention: Law, Strategies, and Technology**

(P) Room: Salon 1 (North Tower)

An overview of the Law of Trespass specifically as it applies to the railroads in New Jersey, the downstream costs both direct and indirect of not actively preventing it, along with legal and technological strategies for abatement.

Moderator: Michael Allen - R. L. Banks & Associates

Speaker: John Fiorilla, Esq. Dyer and Peterson

Speaker: Thomas Jedic, Norfolk Southern

Speaker: TBA

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14. **Zero-Emission Strategic Planning – Everyone on the Bus May Not Be Headed To The Same Destination!**

(P) Room: Salon 2 (North Tower)

Existing conditions assessments and analysis, Leveraging regional procurement objectives and capital funding, Social equity and service equality considerations, Technology limitations and advantages, Political and stakeholder engagement

Moderator:

Speaker:

Speaker:

2:20 pm – 3:25 pm

15. **How to Meet NJ Zero Emission Goals: Available Vehicles, Infrastructure, Funding and Training (Part 2 of 2) (Community Transportation)**

(P) Room: Carousel (South Tower)

A discussion of current and near term available zero emission vehicles, and the necessary infrastructure. The presenters will discuss the technologies, the costs of going to zero emission, and what available incentives are in New Jersey from Federal, State, and Utility sources. In Part 2; the presentation will focus on what training will be necessary to operate and maintain the vehicles and the infrastructure.

Moderator:

Speaker: Barry Carr, Director, Business Development, ABM eMobility

Speaker: Chuck Feinberg, Executive Vice President, Greener by Design LLC / Executive Director, New Jersey Clean Cities Coalition

Speaker:

16. **NJ TRANSIT: It's Good To Be Transit Friendly**

(P) (E) Room: Pageant (South Tower)

A panel focused on Transit Friendly and Transit Oriented Development projects at NJ TRANSIT. Includes recently completed, on-going work, and upcoming initiatives; Technical Assistance Program - Dunellen & Atlantic City, Transit Oriented Development Along Proposed HBLR Ext. (Northern Branch), Transit-Oriented Development along Route 9 Bus Corridor, Transit Friendly Resources and Data Application, TOD Proposals at Major Rail Facilities

Moderator: Megan Massey - Assistant Director, Transit Friendly Land Use & Development, NJ TRANSIT

Presenter: Michael Swan - Principal Facilities Planner, NJ TRANSIT

Presenter: Celeste Zatarain-Alsina - Senior Facilities Planner, NJ TRANSIT

Presenter: Jon Carnegie Voorhees Transportation Center, Rutgers University

Presenter: Owen Christensen – NJ TRANSIT Real Estate

17. **Be Part of the CHANJ! Introducing 'Connecting Habitat Across New Jersey' and Tools to Restore Wildlife Mobility**

(P) (E) Room: Parade (South Tower)

Connecting Habitat Across New Jersey (CHANJ) is a project to make our fragmented landscape friendlier to wildlife movement. This talk from NJDEP Fish and Wildlife will introduce the project and demonstrate how to use our web-based interactive CHANJ Mapping and Guidance Document, with special emphasis on tools that guide effective road mitigation projects.

Moderator:

Speaker:

Speaker:

Speaker:

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18. A Train Runs Through It? An NJTPA Freight Concept Development Program Success Story in Dover

(P) (E) Room: Rolling Chair (South Tower)

This session showcases a successful NJTPA Freight Concept Development Program (FCDP) Study in Dover, Morris County. The study identified potential options – including a preferred alternative – to relocate an existing connection between the D&R freight rail line and NJ TRANSIT from its current location west of town to the east. One of the key (and most interesting!) outcomes of this project will be the removal of 10 un-gated freight rail crossings located quite literally in the middle of downtown Dover.

Moderator: Jason Sarnoski, Warren County Commissioner & NJTPA Freight Initiatives Committee Chair

Speaker: Jakub Rowinski, Manager, Freight Planning, NJTPA

Speaker: Scott Parker, Senior Project Manager, Jacobs Engineering

Speaker: Chris Vitz, Director of Public Works and County Engineer, County of Morris

19. Launching the Next Phase of Traffic Signal Collaboration in New Jersey

(E) Room: Seaside (South Tower)

Join facilitated conversations with leaders from across the state to provide your input as we launch the new Intelligent Transportation Society of New Jersey (ITS NJ), Institute of Transportation Engineers (ITE), and County and Municipal Traffic Engineer's Association (CAMTEA) Traffic Signals Committee. In the first panel (**Gaps and Opportunities**), we will explore the gaps and opportunities that motivate this effort. In the second panel (**What Can We Do?**), we will shape the new committee's role which is envisioned to include providing tangible projects to advance the safety, operations, and technology of Traffic Signals throughout the state of New Jersey.

Gaps & Opportunities

Moderator: Andy Kaplan, P.E., PTOE, Co-Chair, ITS NJ/ITE/CAMTEA Traffic Signals Committee & Manager, Planning for Operations and Technology, NJTPA

Speaker: Wasif Mirza, Director of Mobility Engineering, NJDOT (invited)

Speaker: Mike Manzella, Director of Transportation, Jersey City

Speaker: TBD, County Planner

Speaker: David Behrend, Executive Director, NJTPA <or> Jennifer Marandino, P.E., Executive Director, SJTPO (invited)

What Can We Do?

Moderator: Andrew Tunnard, ITS NJ Past President & Assistant Commissioner, NJDOT (invited)

Speaker: Chris King, ITS NJ President & Manager, Office of Transportation Operations Management, DVRPC (invited)

Speaker: Farukh Ijaz, P.E., ITE Met Section Past-President & Managing Partner & President, CSA (Consulting Services USA)

Speaker: Andy Kaplan, P.E., PTOE, Co-Chair, ITS-NJ/ITE/CAMTEA Traffic Signals Committee & Manager, Planning for Operations and Technology, NJTPA

Speaker: Brendan Kaplan, Chair, Transit Signal Priority & Acting Chief Innovation Officer, NJ Transit (invited)

Speaker: Andrew Vischio, P.E., PTOE, Co-Chair, State of Signals Report & Project Manager, Dewberry (invited)

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20. Funding our Future

(P) Room: Salon #1 (North Tower)

The TTF needs to be reauthorized, NJ Transit is fast approaching a fiscal cliff for operations funding, and the gas tax becomes weaker and less equitable as EVs and hybrid sales grow. Even with the infusion of federal capital and operations funding, NJ still needs to shore up its state contributions to ensure our transportation networks are able to support our economic growth and our environmental goals. This panel will discuss funding options for the TTF and transit operations, and explore the policy decisions and timing expected in the coming year.

Moderator:

Speaker:

Speaker:

Speaker:

21. Zero by 2050

Following the increase in fatalities and serious injuries since the COVID there is a renewed focus on Safety nationwide. New Jersey has always been at the forefront with safety improvements. NJ is embarking on a public journey of innovative safety practices and projects – together. Through this session we track NJ's commitment to safety through the lens of the NJ 2020 Strategic Highway Safety Plan, Highway Safety Improvement Program, Safe Routes to School and the NJDOT Safety Resource Center. Join us for an informative and participative session.

(P) Room: Salon #2 (North Tower)

Moderator: Daniel LiSanti, Manger, Statewide Planning, NJDOT

Speaker: Khalid Shaikh, Project Engineer Planning, Statewide Planning, NJDOT

Speaker: Jeevanjot Singh, Section Chief, Statewide Planning, NJDOT

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

Speaker: Christine Mittman, Local Safety Program Lead, NJTPA

3:25 pm – 6:00 pm Expo Hall Opens for Attendees

3:25 pm – 3:55 pm Refreshment Break Located in Rear of Expo Hall.

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Refreshment Break Sponsors

(Beverages, Jumbo Gourmet Cookies, Fresh Fruit Cocktail, Large Philly Pretzels)

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4:00 pm – 5:00 pm

22. The National Transit Assistance Program's (RTAP) Introduction to the Cost Allocation Calculator

(P) Room: Carousel (South Tower)

As a requirement of reporting to the National Transit Database (NTD), public transit agencies must be able to provide expense information by different travel modes, jurisdictions, and service types. Transit agencies must also understand the costs of different services for managing federal and state grants as well as pricing and planning for new services. This can be a very complicated, resource draining and time-consuming process especially for transit agencies with multiple modes, service types and serving multiple jurisdictions. The Two-Variable Cost Allocation Calculator can help transit agencies make the process of cost allocation a little less daunting.

Moderator: Elizabeth Taylor, Assistant Director, National Rural Transit Assistance Program

Speaker: Michael Walk, Research Scientist and Program Manager, Texas A&M Transportation Institute

23. We're walking; we're biking! The NJTPA's Regional Active Transportation Plan

(P) (E) Room: Pageant (South Tower)

This session highlights the NJTPA's efforts to advance active transportation options in northern and central New Jersey. By developing and promoting walking, biking, and other non-motorized travel, the NJTPA helps improve mobility, sustainability, accessibility, equity, and safety.

Moderator: NJTPA Chair John W. Bartlett, Passaic County Commissioner

Speaker: Keith Hamas, Principal Planner, Safety Planning, NJTPA

Speaker: Andras Holzmann, AICP, PP, Supervising Planner, Passaic County

Speaker: Debra Kagan, Executive Director, NJ Bike & Walk Coalition

24. Roadside Management Techniques for Pollinators

(P) (E) Room: Parade (South Tower)

A moderated discussion with several transportation agencies about Roadside Management for Pollinators & its Importance; we'll hear about some of the projects they are currently working on; what is the cost of implementing this type of project and future maintenance; the speakers will share some lessons learned; and where is the future of roadside management for pollinators headed in NJ.

Moderator: Darren Stanker, AICP/PP, Vice President, WSP

Speaker: Lois Johann, Project Engineer-Landscape, New Jersey Department of Transportation

Speaker: Nicholas Marchese, Environmental Coordinator, South Jersey Transportation Authority

Speaker: John McDonnell, Project Manager, South Jersey Transportation Authority

Speaker: Nicholas Berezansky, Landscape Specialist, New Jersey Turnpike Authority

25. RAILROAD/FREIGHT – Meet the Freight Railroads of New Jersey

(P) Room: Rolling Chair (South Tower)

Join the New Jersey Railroad Association for a 'meet and greet' with representatives of the 20 RR's that operate in the State of New Jersey. Do you have a specific question of a railroad... neighbor question, customer service, jobs, work for your company, road crossings? The State Rail network is over 1000 miles within the state with 1,100 employees working every day to support industry in the State of New Jersey.

Moderator: John McCreavy, New Jersey Railroad Association / SMS Rail Service

Presenter: Jack Darrah, Director of Business Development, SMS Rail Lines

Presenter: Michael Fesen, Norfolk Southern RR

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26. What are Smart and Connected Signals?

(E) Room: Seaside (South Tower)

Regardless of the ownership of traffic control devices from either simple fixed time signals to the most advanced and latest signals – it has become necessary to be prepared and ready for the next generation of signals which will be part of the connected and IOT world. Judging from the rapid change and evolution of control technologies in recent years, the NJDOT has decided to evaluate, assess, accept and adopt the trends that are emerging in the changing technologies in signals controls. The Department has decided to ensure that signals are “Connected Ready”. This discussion will focus on the changes that are now part of signal projects.

Moderator: Mark Renner, Project Engineer, Division of Mobility Engineering, NJ DOT

Speaker: Bashar Hadi, Senior Engineer Traffic, Division of Mobility Engineering, NJ DOT

Speaker: Mohamed Elhefnawi, Principal Engineer, Division of Mobility Engineering, NJ DOT

Speaker: Zahin Rabbi, Senior Engineer, Division of Mobility Engineering, NJ DOT

27. Successfully Proving Equitable Transit Connectivity Through Automated/Electric Vehicles

(P) (E) Room: Salon #1 (North Tower)

Cities and transit agencies are faced with the challenge to increase public ridership post pandemic and to reach underserved communities to unlock the opportunity education, employment, health care, and food resources. These challenges occur during a time when there is a driver shortage, and reduced ridership from pre-pandemic levels which have decreased fare box collections. The industry has seen an increase in the deployment of Automated Vehicles to support the above needs. The keys to deploying a successful AV deployment include understanding ridership needs; accessibility to all riders; route or operational design domains (ODDs) that provide connections to underserved communities; the use of zero emission fleets; and vehicles that operate at roadway speeds with the ability to accommodate ADA passengers. Learn about local and national deployments and how best to use this knowledge to support the growth of AVs in NJ.

Moderator:

Speaker:

Speaker:

Speaker:

28. It's All Mussels Under The Bridge

(E) Room: Salon #2 (North Tower)

Davey Resource Group, Inc. (DRG) will utilize an interactive presentation as an informative introduction into a poorly understood yet ecologically-important group of animals: NJ's rare, threatened and endangered freshwater mussel species. DRG presenters will discuss freshwater mussel biology and ecology, various habitat requirements, impact considerations, agency regulations, and protective measures often included in project implementation. The presentation will specifically focus on impact avoidance and minimization in the context of transportation projects involving the State's many mussel-populated rivers, streams, and ponds.

Speaker: Harry Strano, Department Manager, Threatened & Endangered Species, Davey Resource Group, Inc.

Speaker: Elizabeth Dancer, Senior Environmental Scientist, Davey Resource Group, Inc.

Speaker: Melyssa Garcia, Senior Environmental Scientist, Davey Resource Group, Inc.

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- 8:00 am - 4:00 pm** Registration Desk Opens, 4th floor South Tower Hallway Near Escalator
- 8:15 am - 9:15 am** Continental Breakfast in Rear of Exhibit Hall
- 9:00 am – 12:00 pm** North & South Jersey Passenger Advisory Committee Members Meeting in the Board Room
(Invitation Only)

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Refreshment Break Sponsors

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9:15 am - 10:15 am

29. ADA Awareness (Community Transportation & Paratransit) (Part 1 of 2)

(P) Room: Carousel (South Tower)

All transit systems have a responsibility to understand and provide transportation services consistent with the Americans with Disabilities Act (ADA) and make sure all employees are “trained to a proficiency.” This 2 part workshop will provide information to transit agencies on how to operated vehicles & equipment safely, make sure employees provide appropriate assistance, treat individuals with disabilities in a respectful and courteous manner and ensure all the opportunity to use the agency's transit services.

Presenter: Michael Noel, Noel Training & Consulting

30. The Crossroads: Electrification as an Inflection Point for Modern Mobility

(P) Room: Pageant (South Tower)

The electrification of personal, transit, and commercial vehicles goes far beyond the simple purchase of a new bus, truck, or car. Instead of viewing this conversion through the lens of one-to-one replacement of ICE vehicles, we should seize this moment and reexamine the fundamental dimensions of our public and private transportation systems and behaviors. This panel will explore the potentially transformative facets of the electric conversion including decreasing single car households, rethinking bus service and rolling stock needs, and facilitating last-mile and micro-mobility solutions.

Moderator:

Speaker:

Speaker:

Speaker:

31. Stakeholder Engagement in a New Era of Equity, Transparency, and Cooperation

(P) Room: Parade (South Tower)

Removing internal and external silos from big regional transportation and infrastructure projects is more essential than ever in a post-pandemic landscape, as public agencies collectively reel from COVID-19 era financial losses and seek federal relief and grant lifelines. Will include staff from different agencies and perspectives, such as government relations, communications, and planning/operations, to outline a winning common end game: Increased Equity, Transparency, and Cooperation to ensure projects maximize institutional, mobility, economic, and stakeholder benefits.

Co-Moderator: Marlene Bauer, President of InGroup Inc.

Co-Moderator: Ron Marsico, Senior Project Manager, InGroup Inc.

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

Speaker: Steve Sigmund, Chief of Public Outreach, Gateway Development Corp.

Speaker: Craig Schulz, Director, Communications & External Affairs, Gateway Program, Amtrak

32. Bridge Aesthetics for Workhorse Bridges and Historic Structures – Low-Cost Rehabilitation/Replacement Treatments to Improve Community Presence

(E) Room: Rolling Chair (South Tower)

Today, history has standing, and the consideration of adverse effects and potential mitigation measures are woven throughout the design process when working with historic resources. Too often, engineers, stakeholders and even SHPO officials feel compelled to “decorate” a bridge being built in an historic district. However, is the need to include aesthetics in bridge design guiding our decisions well? The presentation will also explore how the aesthetic aspect of bridge design can be effectively applied.

Presenter: Michael J. Cuddy, Principal Senior Vice President, TranSystems

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33. Measuring Equity & Climate Resilience

(P) (E) Room: Seaside (South Tower)

As climate-related hazard intensities and frequencies continue to increase, owners, operators, designers, and policy makers are trying to keep up and provide cost effective solutions for present and future threats. However, with finite sources of funding, it can be challenging to know and decide how to invest to provide the most effective levels of protection. This session will focus on understanding protections provided by a code-level design, how to conduct a Hazard Vulnerability Assessment, and some possible metrics, including equity, to consider when selecting and funding projects.

Moderator:

Speaker:

Speaker:

Speaker:

34. MPO Executive Directors' Roundtable

(P) Room: Salon #1 (North Tower)

This 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 including: funding, safety, walking & biking, sustainability & electric vehicles, and equity.

Moderator: Michael Russo, Assistant Commissioner, New Jersey Department of Transportation

Speaker: NJTPA Executive Director David W. Behrend

Speaker: DVRPC Executive Director Ariella Maron

Speaker: SJTPO Executive Director Jennifer Marandino

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NJ TransAction Conference Program Schedule and Workshop Sessions

Wednesday, April 19, 2023

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10:45 am - 11:55 am

35. ADA Awareness (Community Transportation & Paratransit) (Part 2 of 2)

(P) Room: Carousel (South Tower)

All transit systems have a responsibility to understand and provide transportation services consistent with the Americans with Disabilities Act (ADA) and make sure all employees are "trained to a proficiency." This 2 part workshop will provide information to transit agencies on how to operated vehicles & equipment safely, make sure employees provide appropriate assistance, treat individuals with disabilities in a respectful and courteous manner and ensure all the opportunity to use the agency's transit services.

Presenter: Michael Noel, Noel Training & Consulting

36. Implementing Complete and Green Streets for All

(P) (E) Room: Pageant (South Tower)

NJDOT's Complete and Green Streets for All Model Policy and Guide is a resource for advancing meaningful, safer, equitable, and sustainable complete streets statewide. Additionally, NJTPA created the Complete Streets Technical Assistance Program to support local complete streets implementation. This session highlights best practices in policies and success stories in implementation that create the next generation of complete streets policies and implementation plans.

Moderator:

Speaker:

Speaker:

Speaker:

37. Beneficial Use of Dredged Material to Protect and Restore Shore Ecosystems and Communities

(P) (E) Room: Parade (South Tower)

This panel will showcase the efforts of OMR to beneficially use dredged material from State navigation dredging projects to restore coastal habitats and increase resiliency of coastal communities. OMR's experience with various innovative techniques will be presented including marsh enhancement, shoreline stabilization, beach replenishment, passive dewatering and benthic restoration. The importance of the ongoing Regional Sediment Management Planning process will be discussed, as well as upcoming projects and plans as OMR moves from system recovery to routine maintenance of the State Channel network in the Atlantic Coastal Zone.

Moderator: Michael J. Marano, PE, Vice President, WSP USA Inc.

Speaker: Scott Douglas, NJ Dredging Program Manager, Office of Maritime Resources, NJ DOT

Speaker: William Henderson, Project Engineer/Field Manager, Office of Maritime Resources, NJ DOT

Speaker: Sherif Esmail, Principal Engineer, Office of Maritime Resources, NJ DOT

Speaker: Jasmin Molina, Program Specialist, Office of Maritime Resources, NJ DOT

Speaker: Vincent Masciandaro, Program Specialist, Office of Maritime Resources, NJ DOT

Speaker: Aiden Rogers, Senior Engineer, Office of Maritime Resources, NJ DOT

38. The "Point-No-Point" Bridge Replacement Project - A NJ DOT Investment for the Future

(P) (E) Room: Rolling Chair (South Tower)

Hear the details on the \$200m bridge replacement project crossing the Passaic River between Newark and Kearny. Listen to the incredible history and important role of this bridge in good's movement across North Jersey. See the timelines and in 'real-time' see the replacement project moving along. Always recognizing the important role NJ DOT played in making this project reality.

Moderator: John McCreavy, New Jersey Railroad Association, President

Speaker: Jocelyn Hill, General Counsel & Corporate Secretary, Conrail

Speaker: Ryan Hill, Chief Engineer and Design Construction, Conrail

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

39. NJ TRANSIT: Secaucus To Meadowlands Transitway - A Vision Into the Future

(P) (E) Room: Seaside (South Tower)

This workshop will be discussing this project in detail.

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

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

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

40. Gateway VIP 1 (Procurement Opportunities)

(P) Room: Salon #1 (North Tower)

Moderator: John Case, VP Hawk Strategies

Speaker:

Speaker:

Speaker:

12:00 pm - 1:15 pm **Sumptuous Luncheon Buffet (Grand Ballroom, Salon 2, 3 & 4 - North Tower)**

Master of Ceremonies: Anthony Attanasio, CEO, Hawk Strategies

Opening Remarks: Frank Reilly, Conference Chairman

Michael M. Vieira, Conference Vice Chair

Remarks by: XXXXX
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1:30 pm - 2:40 pm

41. Creating a Team Environment (Paratransit & Community Transportation)

(P) Room: Carousel (South Tower)

Paratransit and community transportation systems are a team effort, and when one piece fails, the entire system suffers. We will discuss best practices to get all the different areas of your system to work together, function at their highest level and create a productive, efficient and safe environment for your staff and riders.

Presenter: Daniel Mulraney, Director, Cape May Fare Free Transportation

42. NJ TRANSIT: Contracting Opportunities

(P) Room: Pageant (South Tower)

Richard Schaefer, Acting 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, NJ TRANSIT

Presenter: Richard Schaefer – Acting, Senior Vice President of Capital Programs, NJ TRANSIT

43. Mobility Choices: Transportation Conversations in Three Black and Latino Communities in the Greater Philadelphia Region

(P) (E) Room: Parade (South Tower)

The Delaware Valley Regional Planning Commission (DVRPC) in collaboration with Connect the Dots, and transportation planning firm Sam Schwartz have recently released a study that sought to develop a better understanding of the complex decision-making process in choosing transportation needs, adding a layer of qualitative data in these communities to DVRPC's existing data sources. The results will be used by DVRPC to help identify future studies, programs, services, and infrastructure needs in historically-disinvested communities.

Speaker: Thom Stead, Assistant Manager, Office of Mobility, Analysis, and Design, DVRPC

Speaker: Marisa Denker, CEO and Founder, Connect the Dots

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

44. History at Hand in Princeton

(P) (E) Room: Rolling Chair (South Tower)

This presentation will discuss the NJ Historic Grant and design/rehabilitation of a historic stone arch bridge carrying a pedestrian path over a brook, as well as other structures previously rehabilitated surrounding the lakes created by three dams, within the Mountain Lakes Preserve in Princeton. Designated as a Historic Site on the State and National Registers of Historic Places, the Princeton Ice Company is significant as a historic ice production, harvesting, and storage operation.

Moderator:

Speaker:

Speaker:

Speaker:

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1:30 pm - 2:40 pm (Continued)

45. Local Road Safety Plans: Reducing Fatalities and Serious Injuries on South Jersey's County and Municipal Roads

(P) (E) Room: Seaside (South Tower)

In 2022 the Cumberland County Bicycle and Pedestrian Safety Action Plan was completed. Seven months later over \$30 million has been secured to fully implement that Plan. Building off that success and the 2020 update to the New Jersey Strategic Highway Safety Plan, SJTPO has kicked off a major effort to reduce fatal and serious injury crashes on all local and county roads within its region by developing Countywide Local Road Safety Plans in Atlantic, Cape May, Cumberland, and Salem Counties. These plans will include extensive local data collection, and incorporate the Safe System Approach, systemic safety, a prioritized investment strategy, and more.

Moderator: Dave Kuhn, PE, Vice President, GPI

Speaker: Alan Huff, Program Manager – Safety Initiatives & Public Outreach, SJTPO

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

Speaker: Alex Maistros, PE, PhD, Highway Safety Engineer, Jacobs

Speaker: Kruti Barot, P.E., PTOE, RSP₁, Transportation Engineer, GPI

46. VIP Panel: A View from the Top: Insights Into the Gateway Program

(P) Room: Salon #1 (North Tower)

The Gateway Program is the largest and most significant public works project in the U.S. While the program faces daunting challenges including funding, design and construction complexities, the program also offers incredible opportunities to our region's transportation network as well as our economic growth and vitality. Hear from the Gateway Program leadership, as they give a behind the scenes view from the top on how the program got to where it is today, and how they plan to move it forward for the next 10+ years. Recent funding grants from Washington as well as strong local advocacy are keeping this \$35+ billion program moving forward. Learn key insights from the leaders that are making this program a reality.

Moderator: Anthony Attanasio, CEO, Hawk Strategies

Speaker: Kris Kullori, CEO, The Gateway Development Commission

Speaker: Eric Daleo, Chief Program Officer, The Gateway Development Commission

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Exhibit Hall Open all afternoon until 5:00pm. Reopens at 6:15 pm for Networking Reception

2:40 pm - 4:00 pm Visit Exhibits in Exhibit Hall.

2:40 pm - 3:30 pm Student Poster Session (Located in Rear of Exhibit Hall)

3:30 pm Student Poster Session Awards

4:00 pm 5:00 pm

47. ADA Legal & Policy Update (Community Transportation & Paratransit)

(P) Room: Carousel (South Tower)

This workshop will look at changes, challenges, and reasonable modifications necessary to ensure the civil rights of individuals with disabilities are honored and that transit agencies have the appropriate policies and procedures in place consistent with the requirements of the Americans With Disabilities Act of 1990.

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

48. Are the Locals Ready for Connected Technology?

(P) (E) Room: Pageant (South Tower)

In 2020, NJ DOT initiated its first "Connected Ready" project for final design and in 2021, the construction was started for Rte. 1 and I-278 project, and it is still progressing. NJ DOT staff, consultants, contractors, vendors and others involved in various phases had worked for many years through many different phases learning, testing and coordinating with pertinent subject matter experts. NJ DOT also concluded an extensive and detailed System Engineering Process (SE), to ensure the systems requirements were identified and included in the planning and design process. After the successful completion of the design and the initiation of the construction, there is enough information, knowledge, and experience available to share with others such as our local partners to help them understand the various phases of connected systems. This session will focus on simplifying the process and sharing all experiences related to planning, design, construction, and operation that were gained so that our local partners are able to decide and determine the best options of integrating Connected Technologies when upgrading their respective signal systems.

Moderator: Katelin Barone, Principal Engineer, Division of Mobility Engineering, NJ DOT

Speaker: Kelly McVeigh, Supervising Highway Engineer, Division of Mobility Engineering, NJ DOT

Speaker: Kevin Hayes, P.E., Senior System Engineer – Intelligent Transportation Systems, HNTB

Speaker: Robert Meyer, Principal Engineer, Transcore

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4:00 pm 5:00 pm (Continued)

49. What Does the Law Say about Bicyclists and Pedestrians in NJ?

(P) (E) Room: Parade (South Tower)

More people are biking and walking in our communities. 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, Founder/CEO CEC

50. SS4A Action Plan Grants

(P) Room: Rolling Chair (South Tower)

Awards for the Safe Streets and Roads For All safety grant program were announced in late January of this year. A program of the Bi-Partisan Infrastructure Law, SS4A presents a once in a lifetime opportunity to advance roadway safety through action plan development and implementation of action plans. This session will present an overview of the SS4A program plus awards presentations from the regional, county, and municipal levels.

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

Speaker: David Schmetterer, Assistant Director of Planning, Monmouth County Division of Planning

Speaker: Christopher Noll, PE, PP, President of Environmental Resolutions, Inc. and Medford Township Engineer

51. The Other ZEV - Hydrogen Fuel Cell Vehicles

(P) (E) Room: Seaside (South Tower)

This panel would examine the current state of hydrogen fuel cell technology in the transportation industry. Moderated by Dennis Martin, Director of Transit and Rail NY/NJ, Michael Baker International. The focus of the discussion will be on the state of hydrogen-based technology and how hydrogen fuel cell vehicles can help transportation agencies decrease carbon emissions and comply with government mandates for ZEVs.

Moderator:

Speaker:

Speaker:

Speaker:

52. Moving Forward – Agency Actions (Part 1 of 2)

(P) Room: Salon #1 (North Tower)

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 potential impacts with the new infrastructure BIL, major initiatives, project delivery, partnerships and what is on the horizon.

Moderator: Zenobia L. Fields, WTS NJ President

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

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

Speaker: Michael Garofalo, NJ Turnpike Authority, Chief Engineer

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

Speaker: Cathleen Mahoney, PANYNJ, Chief of Project Delivery, Engineering Department

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5:00 pm - 6:00 pm

53. Keeping Your Transit Agency Out of Legal Trouble (Community Transportation & Paratransit)

(P) Room: Carousel (South Tower)

An overview of the human resource issues that impact transit agencies from record-keeping to critical policies and legal trends involving employees relations in the workplace. Attendees will hear decisive and necessary actions they should take to reduce the likelihood of legal issues associated with the management of a transit agency.

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

54. NJTPA Municipal Programs Spotlight

(P) (E) Room: Pageant (South Tower)

This session highlights federally funded NJTPA municipal programs that can get meaningful transportation improvements accomplished. These include: Planning for Emerging Centers; Vibrant Places Program; and Complete Streets Technical Assistance Program. The session will include real-world municipal examples and also cover how these competitive programs are administered.

Moderator: John W. Bartlett, Passaic County Commissioner & NJTPA Chair and

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

Speaker: Ricardo Fernandez AICP, PP, QPA, City of Passaic Business Administrator; Executive Director of Redevelopment Agency, Parking Authority, and Urban Enterprise Zone

Speaker: Anthony D. Iacono, Township Manager, Township of Belleville

55. Re-Envisioning the Right of Way

(P) (E) Room: Parade (South Tower)

Historically, roads have been designed with only one user in mind: the driver. This singular vision means our public rights of way fall short of their immense potential to prevent flooding and adapt to climate change, support transportation alternatives and better goods movement, and expand access to economic opportunity. This panel will examine how a comprehensive, network approach to re-envisioning the purpose and use of our streets can foster dramatic improvements across the state.

Moderator:

Speaker:

Speaker:

Speaker:

56. Demystifying Technology for the Locals:

(P) (E) Room: Rolling Chair (South Tower)

The network of roadways connecting our local Counties, Municipalities and Townships provides critical connectivity internally but is also the critical link in providing access to the State arterials and Interstate System. These links are extremely crucial for the safe and efficient mobility of traffic through any region. Due to the increased use of GPS and digital mapping, some of the generally less travelled roadways are now frequently identified as viable alternative routes and subjected to significantly increased traffic. Unfortunately, NJ is still lacking in having a robust and well connected ITS system on the local roadway network considering that the local network is carrying the majority of traffic. There is a significant gap in technology implementation for the locals when it comes to the latest trends as a tremendous burden falls on the local staff who manage the operation of the signals. This session is focused on addressing the needs of planning, designing, constructing, and maintaining ITS systems for local agencies and breaking it down to smaller simpler tasks that can be managed on modest budgets and with limited resources.

Moderator: Marquis McEwen, Assistant Engineer, Division of Mobility Engineering, NJ DOT

Speaker: Jim Hogan, P.E., Senior Associate, Advantage Engineering Associates, P.C.

Speaker: Tony Bartello, P.E., Vice President, ITS Services Northeast Division – Intelligent Transportation Systems, HNTB

Speaker: Felipe Hernandez, Project Engineer, Division of Mobility Engineering, NJ DOT

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

57. Zero Emission Transformation for Public Mobility

(P) (E) Room: Seaside (South Tower)

The transformation to zero emission transportation is as consequential for today's world as was the transition from the horse to the internal combustion engine over 115 years ago. The focus back in the 1910's was the vehicles – few recall the other ways the transformation of the world brought about by the introduction of everything from roadway paving to the creation of a massive industry around the delivery of the fuel the new mobility required, all enabled by change in human behavior. In this panel, we will discuss the impacts beyond JUST the vehicles with a focus on public transportation. The investment that will be required in master planning, workforce development, program management. In facilities and the energy sourcing infrastructure, be it grid power or the application of the almost 9 Gigawatts of renewable off-shore wind power coming on line by 2040 will dwarf the cost of the vehicle fleets. In all, we will discuss the path forward to successfully implement change at this magnitude.

Moderator:

Speaker:

Speaker:

58. Moving Forward – Agency Actions (Part 2 of 2)

(P) Room: Salon #1 (North Tower)

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 potential impacts with the new infrastructure BIL, major initiatives, project delivery, partnerships and what is on the horizon.

Moderator: Zenobia L. Fields, WTS NJ President

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

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

Speaker: Michael Garofalo, NJ Turnpike Authority, Chief Engineer

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

Speaker: Cathleen Mahoney, PANYNJ, Chief of Project Delivery, Engineering Department

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6:15 - 8:15 - Networking Reception in Exhibit Hall *(All exhibits will be open and staffed.)*

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8:00 am - 11:30 am Registration Desk Opens, 4th floor South Tower Hallway Near Escalator

8:15 am - 9:00 am Exhibit Hall Open & Continental Breakfast in Rear of Exhibit Hall

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8:30 am - 9:30 am

59. Fatigue Awareness in Transit Services (Community Transportation & Paratransit) (Part 1 of 3)

(P) Room: Carousel (South Tower)

Transit services should be first and foremost safe. Fatigue is a significant cause of vehicle accidents, near misses, customer complaints about rudeness, and can be a contributor to onboard assaults when a person is in a state of acute or chronic fatigue. Fitness for Duty should drive all legal, policy and daily operating decisions and fatigue critically affects an employee's fitness for duty. Understanding Fatigue, strategies for employees to address fatigue, scheduling employees and appropriate policies and procedures for identifying and preventing issues related to fatigue will be discussed during this 3 part workshop. Transit agencies will learn how to provide frontline employees with information on fatigue awareness and improve safety for their customers.

Presenter: Michael Noel, Noel Training & Consulting

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

60. Protect Your Responders. NJ's Traffic Incident Management (TIM) Program and Online, Self-Guided Responder Training Course

(P) Room: Pageant (South Tower)

NJDOT, NJSP, and other partnering agencies have launched an online, self-guided Traffic Incident Management (TIM) training class. This session will provide information on updates to the Statewide Traffic Incident Management (TIM) program and a walkthrough of NJ's new online training course material, the benefits of institutionalizing TIM training across New Jersey, and the continuing education credits available to various organizations that take the course.

Moderator: Robert Burd, Manager, Office of Emergency Management, Security, and Response (OEMSR), NJDOT

Speaker: Elizabeth Falcon, Principal Transportation Analyst, Office of Emergency Management, Security, and Response (OEMSR), NJDOT

Speaker: Bobby Pomykala (NJIT), Senior Safety Planner, New Jersey Institute of Technology

61. Atlantic City Expressway All Electronic Tolling

(P) (E) Room: Parade (South Tower)

The South Jersey Transportation Authority has made the move to cashless tolling on the Atlantic City Expressway. This effort began with a stalled project more than 15 years ago but was reborn as part the Authority's 2020 Capital Plan. This session will focus on the history of All Electronic Tolling on the Expressway from its initial concepts in the late 2000s through the current project, including the design as well as construction and implementation schedules.

Moderator: Jennifer Marandino, Executive Director, South Jersey Transportation Planning Organization

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

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

62. Hazardous Chemicals Supplying New Jersey Manufacturing and other Industry

(P) Room: Rolling Chair (South Tower)

Join the New Jersey Rail Association in hearing how the freight railroads supply industry within the State of New Jersey. Come to hear how interstate freight movements are governed by federal law and how the government agency overseeing railroad operations and equipment monitor and regulate these activities.

Moderator: John McCreavy, New Jersey Railroad Association

Speaker: Dan Elliott, Principal, GKG Law in Washington, DC, (Former Chairman: Surface Transportation Board: 2 terms 2009 & 2015)

Speaker: John Wurz, Railroad Hazmat Safety Specialist, US Department of Transportation Federal Railroad Administration, Washington, DC

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8:30 am - 9:30 am (Continued)

63. Battery and Hydrogen Propulsion Technology: Achieving Safe and Reliable Operation

(P) (E) Room: Seaside (South Tower)

In the quest of achieving zero emission goals for their vehicles, transportation operators have been converting their fleets to battery or hydrogen power. While these technologies are more widespread in light duty applications, their use in heavy duty applications, such as rail and bus transport, and other heavy machinery is still in its infancy. Zero emission technologies in heavy duty applications present new challenges that must be understood and addressed to ensure successful fleet decarbonization.

The panel discussion will focus on safety issues related to the operation and maintenance of zero-emissions vehicles. The discussion will outline some of the challenges that exist with the identification and mitigation of hazards associated with battery and hydrogen fuel cell systems in an environment where few standards and regulations exist to guide the design of these systems in heavy duty applications. This discussion will be supported with several examples of current projects that will be presented to show how those challenges were addressed.

Moderator: TBD

Speaker: Marcin Taraszkiewicz, PE, Rail & Transit Vehicle Technology Lead, HDR, Inc.

Speaker: Ron Birkelbach, Northeast Systems Lead, HDR, Inc.

Speaker: Lukas J. Rowland, PE, Battery Energy Storage System Lead, HDR, Inc

64. Inclusion by Design: The Americans with Disabilities Act

(P) (E) Room: Salon #1 (North Tower)

This presentation highlights the Americans with Disabilities Act's (ADA's) impact on engineering design since its passage in 1990 and discusses the current practices for meeting ADA compliance on transportation improvement projects. Inclusive design is a key part of delivering transportation projects from the earliest planning phase to construction completion. This session focuses on the professional responsibilities of owners and designers in delivering projects that accommodate the transportation system's most vulnerable users.

Moderator:

Speaker:

Speaker:

Speaker:

65. NJ TRANSIT Bus and Bike Interactions Research and Lessons Learned

(P) (E) Room: Salon #2 (North Tower)

Complete Streets planning in New Jersey has been gaining momentum in the last decade as we recognize the need for corridors to safely accommodate all modes - vehicles, deliveries, transit vehicles, pedestrians and cyclists. This presentation will discuss how NJ TRANSIT buses currently interact with bicyclists on their routes, how NJ TRANSIT communicates with the many municipalities it serves, and how NJ TRANSIT can adopt strategies used elsewhere to coordinate with road owners and ensure safe bus-bike interactions.

Speaker: Joanna Hecht, Transportation Planner, DVRPC

Speaker: Marissa Volk, Transportation Planner, DVRPC

Speaker: Elmira Buongiorno, Senior Manager, Bus Safety, NJ TRANSIT

Speaker: Hailey Graf, Principal Facilities Planner, NJ TRANSIT

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9:40 am - 10:40 am

66. Fatigue Awareness in Transit Services (Community Transportation & Paratransit) (Part 2 of 3)

(P) Room: Carousel (South Tower)

Transit services should be first and foremost safe. Fatigue is a significant cause of vehicle accidents, near misses, customer complaints about rudeness, and can be a contributor to onboard assaults when a person is in a state of acute or chronic fatigue. Fitness for Duty should drive all legal, policy and daily operating decisions and fatigue critically affects an employee's fitness for duty. Understanding Fatigue, strategies for employees to address fatigue, scheduling employees and appropriate policies and procedures for identifying and preventing issues related to fatigue will be discussed during this 3 part workshop. Transit agencies will learn how to provide frontline employees with information on fatigue awareness and improve safety for their customers.

Presenter: Michael Noel, Noel Training & Consulting

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

67. NJ TRANSIT: Getting There - Improved Access to Transit Projects

(P) (E) Room: Pageant (South Tower)

A panel focused on planning projects addressing improved access to transit or expanding the reach of transit. Includes recently completed, on-going work, and upcoming initiatives; Princeton Transitway, Dunellen Active Transportation Planning Study, Metuchen Greenway Transit Access, Solar Bus Shelters.

Moderator: Lou Millan - Senior Program Director, Capital Planning, NJ TRANSIT

Speaker: Michael Viscardi – Director, Programmatic Planning, NJ TRANSIT

Speaker: Hailey Graf – Principal Facilities Planner, NJ TRANSIT

Speaker: Leah Katz - Assistant Director Federal Project Planning, NJ TRANSIT

Speaker: Simone Gore - Manager, Project Development, NJ TRANSIT

Speaker: Celeste Zatarain-Alsina - Senior Facilities Planner, NJ TRANSIT

68. The Right Approach for Wrong Way Driving Mitigation

(P) (E) Room: Parade (South Tower)

Resulting in some of the most severe crashes on the NJ State Highway System, wrong way driving incidents often include significant property damage, injuries, and even fatalities. As part of the statewide "*Driving Towards Zero Deaths*" initiative, NJDOT has recently begun implementing technology-based solutions for the identification, correction, and notification of wrong way driving events in a proactive attempt to improve safety on all state-maintained roadways. This presentation will provide attendees an in-depth understanding of how the Department is attempting to mitigate wrong way crashes, including "hot spot" evaluation criteria, detailed description of how the system functions, results of the vendor market research, design challenges, and more. Additionally, this presentation will inform agencies of how best to evaluate whether technology-based wrong way detection systems are appropriate for their projects and how NJDOT is moving forward with a programmatic approach towards successful mitigation strategies statewide, including the incorporation of Connected Vehicle (CV) and edge-computing technologies and the allocation of funding. Please join the Department as we discuss the *right way* to end wrong way crashes!

Moderator: Padmaja Sampat, Contract Adm. 2, Division of Mobility Engineering, NJ DOT

Speaker: Hema Tanikella, Ph.D., P.E., Senior Engineer, North America, ITS/Traffic, ATKINS Global

Speaker: Hirenkumar Patel, Principal Engineer, Elec., Division of Mobility Engineering, NJ DOT

Speaker: Mayankkumar Patel, Assistant Engineer, Elec. Division of Mobility Engineering, NJ DOT

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NJ TransAction Conference Program Schedule and Workshop Sessions

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(P) = Planning ACIP Credits

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9:40 am - 10:40 am (Continued)

69. Shifting to the Safe System Approach: Translating Principles into Practice

(P)(E) Room: Rolling Chair (South Tower)

This session explores how Zero Deaths Initiatives (Vision Zero, Toward Zero Deaths, Road to Zero) and the Safe System Approach are increasingly informing safety plans and street designs. Panelists will discuss principles of safe system design, creating equitable streets, and completed Round 1 actions and ongoing Round 2 actions for NJDOT's Strategic Highway Safety Plan's Pedestrians and Bicyclists Emphasis Area.

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

Speaker: David Petrucci, PE, PTOE, RSP2I, Senior Safety Engineer, Federal Highway Administration

Speaker: Elise Bremer-Nei, AICP, PP, Bicycle and Pedestrian Coordinator, New Jersey Department of Transportation

Speaker: David Schmetterer, AICP, PP, Assistant Director of Planning, Monmouth County Division of Planning

70. Road User Charge – A New Path to Transportation Funding

(P) Room: Seaside (South Tower)

With the increase in fuel-efficient vehicles, hybrids, and electric vehicles, MTF revenue is declining, and it has become evident that this is not sustainable for future road infrastructure revenue. Due to these major pressures on MFT, many states have begun to actively research, study, and pilot road user charge (RUC) systems as a new path to long-term replacement for declining MFT revenue.

Moderator:

Speaker:

Speaker:

Speaker:

71. Empowering Supplier Diversity: Celebrating Inclusion and Innovation in Supplier Networks

(P) Room: Salon #1 (North Tower)

Learn from industry experts as they share their invaluable experience and expertise on effectively engaging with diverse firms on New Jersey projects. Gain insights into the intricacies of working with diverse vendors and discover best practices for successful collaboration. This is a unique opportunity to expand your knowledge and skillset and enhance your ability to effectively engage with diverse businesses.

Moderator:

Speaker:

Speaker:

Speaker:

72. Demonstrate Your Way to Safety

(P)(E) Room: Salon #2 (North Tower)

Known by a variety of names – pop-ups, tactical urbanism, and others – demonstration projects are a proven method of developing, testing, and building support for innovative and low-cost projects with proven safety, accessibility, and equity benefits. This session will review a series of recent demonstration projects from the Essex 2045 Transportation Plan from concept to implementation, including site selection, design, installation, and community feedback, demonstrating how to develop, test, and advance these innovative concepts and the many benefits that can provide.

Moderator: Peter F. Kremer, PP, AICP, Senior Associate, Michael Baker International

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

Speaker: Casey Barrett P.E., RSP1, Civil Engineer, Michael Baker International, Inc.

Speaker: Jaime Phillips, AICP, Transportation Planner, Michael Baker International, Inc.

Speaker: Peter Zambito, Principal Planner, North Jersey Transportation Planning Authority

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11:15 am - 12:15 pm

73. Fatigue Awareness in Transit Services (Community Transportation & Paratransit) (Part 3 of 3)

(P) Room: Carousel (South Tower)

Transit services should be first and foremost safe. Fatigue is a significant cause of vehicle accidents, near misses, customer complaints about rudeness, and can be a contributor to onboard assaults when a person is in a state of acute or chronic fatigue. Fitness for Duty should drive all legal, policy and daily operating decisions and fatigue critically affects an employee's fitness for duty. Understanding Fatigue, strategies for employees to address fatigue, scheduling employees and appropriate policies and procedures for identifying and preventing issues related to fatigue will be discussed during this 3 part workshop. Transit agencies will learn how to provide frontline employees with information on fatigue awareness and improve safety for their customers.

Presenter: Michael Noel, Noel Training & Consulting

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

74. Unique Problems and Out-of-the-Box Solutions in the Burlington County Downtown Access Bicycle and Pedestrian Plan

(P) (E) Room: Pageant (South Tower)

This session focuses on how the project team developed a new Level of Traffic Stress analysis tool and public engagement strategy to effectively identify and assess the unique needs of three communities for the Burlington County Downtown Access Bicycle and Pedestrian Plan. The project addresses various issues, from connecting disjointed bicycle and pedestrian networks to conducting outreach in communities with low foot traffic.

Moderator: Tom Stanuikynas, Regional Planning Manager, Burlington County Bridge Commission, Economic Development and Regional Planning

Speaker: Kendra Nelson, Transportation Planner, DVRPC

Speaker: Joanna Hecht, Transportation Planner, DVRPC

75. Improving Walking and Bicycling Safety in School Zones

(P) (E) Room: Parade (South Tower)

Fatal non-motorist involved crashes account for over one-third of all fatal crashes in NJ. Reducing the number of motor vehicles, slowing driving speeds, and minimizing potential conflicts and crashes is a priority in school zones. This session will discuss a recent crash analysis revealing several factors contributing to fatal crashes in NJ and highlight flexible approaches to addressing walking and bicycling safety, including local case studies and proven pedestrian safety countermeasures on state highways.

Moderator:

Speaker:

Speaker:

Speaker:

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11:15 am - 12:15 pm (Continued)

76. SJTPO Regional Freight Plan Data Collection and Analysis

(P) (E) Room: Rolling Chair (South Tower)

Complementing freight planning at the state level, SJTPO and its regional planning partners are conducting an evaluation and analysis of the freight network in South Jersey. This presentation will highlight current and future efforts related to freight data collection, network identification, performance analysis, and solution prioritization. Cumberland County will discuss its countywide analysis, which helped inform SJTPO's Regional Freight Plan Data Collection and Analysis study. With plan development underway the session will discuss the next steps to amend the freight network, and efforts to prioritize locations and potential freight transportation projects.

Moderator: William Schiavi, Principal Planner, SJTPO

Speaker: Chris Ryan, PE, Senior Transportation Planner, HDR

Speaker: Matthew E. Pisarski, AICP, P.P., Department Head, Planning Director, Cumberland County

Speaker: Adam Baginski, PE, PMP, Vice President of Rail/Transit Services, Envision

77. The Road to Climate Resilience and Sustainability: New Jersey Agencies at Work

(P) (E) Room: Seaside (South Tower)

Hear how transportation agencies are integrating resilience and sustainability (greenhouse gas (GHG) emission reduction) considerations into their decision-making processes such as planning, design requirements, maintenance, and operations. Learn how agencies assess their carbon emissions and create actionable and achievable reduction goals and strategies, leading the way in mitigation. At the same time, efforts are underway to anticipate, prepare for, and adapt to changing conditions and withstand, respond to, and recover rapidly from disruptions. Understand how to plan, design, and construct verified sustainable infrastructure projects. Hear NJDEP's perspective on addressing climate change in New Jersey.

Moderator: Scott Minnich, PE; Associate, Department Manager; Dewberry

Speaker: Joseph Livingston, PE; Supervising Engineer, Planning; New Jersey Turnpike Authority

Speaker: John Riggi; Environmental Specialist III; New Jersey Department of Transportation

Speaker: Nick Angarone; New Jersey Chief Climate Resilience Officer; New Jersey Department of Environmental Protection

Speaker: Kate Lawrence-Shetty; Environmental Sustainability Manager; PANYNJ

Speaker: Jackson Schreiber; Environmental Analyst; SC&A

78. Legal: Testifying Skills from Experts

This training workshop satisfies one hour of legal credits required for AICP and PDH renewal

(P) (E) Room: Salons #1 (North Tower)

Like most things in life, testifying and answering questions as a witness before planning and zoning boards, and learning to become a more effective witness for your client at litigation depositions, and in court or at arbitration, takes practice. Janine G. Bauer, Esq. will moderate the panel and help you understand, in transportation and land use planning contexts, through video, presentations and Q/A, how to improve your skills, while you earn planning and/or legal continuing education credit, with experts Kevin O'Brien and John A. Nawn. Ethics will be addressed in this panel.

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

Speaker: John A. Nawn P.E., PTOE, Delon Hampton & Assoc.

Speaker: Kevin O'Brien, P.P., AICP, Shamrock Enterprises, Ltd

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79. Textbook Teamwork - How Monmouth County and Howell Township Partnered for Success

(P) (E) Room: Salons #2 (North Tower)

The Bridge HL-73 and Lake Louise Dam Project improved public safety via bridge, dam, and roadway improvements, facilitated an increase in recreational opportunities at Lake Louise, and is a textbook example of how cooperation between a County and Municipality, with an interlocal agreement, can produce a seamless success. Join the County of Monmouth, Township of Howell, and French & Parrello Associates in discussing the positive outcomes for this unique project featuring an innovative agreement.

Moderator:

Speaker:

Speaker:

Speaker: