

NJ TransAction Conference Program Schedule and Workshop Sessions

DRAFT WORKSHOP SESSIONS AS OF 2/20/2023. UPDATES AND CHANGES WILL CONTINUE

Tuesday, April 18, 2023

(P) = Planning ACIP Credits

(E) = Engineering PDH Credits

10:00 am - 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. Microtransit Feasibility Study

SJTPO has recently conducted a microtransit feasibility study to identify a more sustainable service model for western Atlantic County in the Town of Hammonton, Borough of Folsom, Buena Vista Township, and the Buena Borough communities of Buena, Landisville and Minotola. This study explored technology driven microtransit as a potential transportation option to expand service to nearby rural areas to effectively connect rural Atlantic County residents to jobs, essential services, and needed resources.

Room: Carousel (South Tower)

Moderator:

Speaker:

Speaker:

Speaker:

2. Title 39: Bicycle and Pedestrian Laws

Room: Pageant (South Tower)

Moderator:

Speaker:

Speaker:

Speaker:

3. BIM and

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 renderings will be presented with two case studies of major roadway and bridge projects within the NY/NJ States.

Room: Parade (South Tower)

Moderator:

Speaker:

Speaker:

Speaker:

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10:30 am – 12:00 pm (Continued)

4. NJDOT Multimodal Programs and Priorities for 2023

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.

Room: Rolling Chair (South Tower)

Moderator:

Speaker:

Speaker:

5. Traffic Signals – Opportunities for Improvements – Launch of Joint Committee

This session will serve as the formal ITS-NJ, ITE and CAMTEA Traffic Signals Committee Launch. It is envisioned to build off of momentum and interest from earlier sessions, and provide engagement and direction to the initiative. Through a series of facilitated conversations, this session will result in tangible projects and volunteers that can be accomplished to advance the safety and operations of Traffic Signals throughout the state of New Jersey.

Room: Seaside (South Tower)

Moderator:

Speaker:

Speaker:

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

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. Fortunately, this phase, although not completely over yet, has been basically under control with the exception of a few flare ups such as localized instances. However, 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 presentation will focus on the supply chain issues for technology and its impact.

Room: Salon #1 (North Tower)

Moderator:

Speaker:

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

7. Roadside Management Techniques for Pollinators

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.

Room: Salon #2 (North Tower)

Moderator:

Speaker:

Speaker:

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

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

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

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.

Room: Pageant (South Tower)

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

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

10. Federal Grants Primer

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

Room: Parade (South Tower)

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

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1:00 pm – 2:15 pm Continued)

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

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.

Room: Seaside (South Tower)

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. Traffic Signals – Safe Design of Urban Intersections

As part of the ITS-NJ, ITE and CAMTEA Traffic Signals Committee Launch, this session will highlight emerging best practices for urban signalized intersections, especially highlighting design techniques to support pedestrian and cyclist safety at high-conflict intersections. Topics covered include: NACTO Design Guidelines, Vision Zero / Quick Build Implementation programs (Hoboken/Jersey City), LPI, Daylighting, Cycle Lengths, and advanced technologies)

Room: Rolling Chair (South Tower)

Moderator:

Speaker:

Speaker:

Speaker:

13. Trespassing Prevention: Law, Strategies, and Technology

An overview of the Law of Trespass, the downstream costs not actively preventing it, and strategies for abatement

Room: Salon 1 (North Tower)

Moderator:

Speaker:

Speaker:

Speaker:

14. Zero-Emission Strategic Planning – Everyone on the Bus may not be headed to the same destination!

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

Room: Salon 2 (North Tower)

Moderator:

Speaker:

Speaker:

Speaker:

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2:20 pm – 3:25 pm

15. Electric Vehicles, the Differences in Operating an Electric Vehicle -vs- gas, Electric Vehicle Maintenance, Charging Stations, what Operators need to know when driving electric vehicles (Part 1 of 2)

Room: Carousel (South Tower)

Moderator:

Speaker:

Speaker:

Speaker:

16. It's Good To Be Transit Friendly

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

Room: Pageant (South Tower)

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

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.

Room: Parade (South Tower)

Moderator:

Speaker:

Speaker:

Speaker:

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

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.

Room: Rolling Chair (South Tower)

Moderator: TBD

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

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2:20 pm – 3:25 pm (Continued)

19. Traffic Signals 101

As part of the ITS-NJ, ITE and CAMTEA Traffic Signals Committee Launch, this session will provide an overview of Traffic Signals for non-engineering audiences (target – planners, officials, and anyone else who drives). Topics covered include Safety Considerations, Signal Head Placement, Phasing, Actuation, Coordination/Platooning, Timing Plans, Pedestrian Accommodations, Cyclist Accommodations, Pre-Emption and Advanced Technologies.

Room: Seaside (South Tower)

Moderator:

Speaker:

Speaker:

Speaker:

20. Funding our Future

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.

Room: Salon #1 (North Tower)

Moderator:

Speaker:

Speaker:

Speaker:

21. TBD

Room: Salon #2 (North Tower)

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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.

THANK YOU

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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. Electric Vehicles, the Differences in Operating an Electric Vehicle -vs- gas, Electric Vehicle Maintenance, Charging Stations, what Operators need to know when driving electric vehicles (Part 2 of 2)

Room: Carousel (South Tower)

Moderator:

Speaker:

Speaker:

Speaker:

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

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.

Room: Pageant (South Tower)

Moderator:

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

Speaker:

Speaker:

24. DVRPC: Electric Vehicle Considerations for First Responder

Room: Parade (South Tower)

Moderator:

Speaker:

Speaker:

Speaker:

25. RAILROAD/FREIGHT – (Meet the Railroads NJRRA)

Room: Rolling Chair (South Tower)

Moderator:

Speaker:

Speaker:

Speaker:

26. What are Smart and Connected Signals?

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.

Room: Seaside (South Tower)

Moderator:

Speaker:

Speaker:

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4:00 pm – 5:00 pm (Continued)

27. Workshop: IIJA Funding – Grant Strategy, Development and Management

The Infrastructure Investment and Jobs Act (IIJA) has been billed as the largest-ever federal investment in public transit, the largest federal investment in our rail system, the largest bridge investment since the construction of the interstate highway system, the largest investment in clean drinking water and wastewater infrastructure in American history, delivering clean water to millions of families, and a big push into decarbonization and access to broadband all around the US. The workshop will explore potential applicant priorities in responding to future potential opportunities for funding through the IIJA funding. We will discuss how you can help clients identify and prioritize grant opportunities and tips for preparing a winning grant application.

Room: Salon #1 (North Tower)

Moderator:

Speaker:

Speaker:

Speaker:

28. It's All Mussels Under The Bridge

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.

Room: Salon #2 (North Tower)

Moderator:

Speaker:

Speaker:

Speaker:

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

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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)

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.

Room: Carousel (South Tower)

Presenter: Michael Noel, Noel Training & Consulting

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

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 increasing single car households, rethinking bus service and rolling stock needs, and facilitating last-mile and micro-mobility solutions.

Room: Pageant (South Tower)

Moderator:

Speaker:

Speaker:

Speaker:

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

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.

Room: Parade (South Tower)

Moderator:

Speaker:

Speaker:

Speaker:

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

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.

Room: Rolling Chair (South Tower)

Moderator:

Speaker:

Speaker:

Speaker:

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

33. Measuring Equity & Climate Resilience

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.

Room: Seaside (South Tower)

Moderator:

Speaker:

Speaker:

Speaker:

34. MPO Executive Directors' Roundtable

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, sustainability, and equity.

Room: Salon #1 (North Tower)

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

Wednesday All Day Beverage Station

Located inside and at the rear of the Exhibit Room

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10:45 am - 11:55 am

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

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.

Room: Carousel (South Tower)

Presenter: Michael Noel, Noel Training & Consulting

36. Implementing Complete and Green Streets for All

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.

Room: Pageant (South Tower)

Moderator:

Speaker:

Speaker:

Speaker:

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

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.

Room: Parade (South Tower)

Moderator:

Speaker:

Speaker:

Speaker:

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

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.

Room: Rolling Chair (South Tower)

Moderator: John McCreavy, New Jersey Railroad Association, President

Speaker: Steven Magouirk, Govt Affairs - Conrail

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

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

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

This workshop will be discussing this project in detail.

Room: Seaside (South Tower)

Moderator: TBD

Presenter: Marc Tuozollo - Director of Facilities Program Development, NJ TRANSIT

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

40. Gateway VIP 1 (Procurement Opportunities)

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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Luncheon Sponsor

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1:30 pm - 2:40 pm

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

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.

Room: Carousel (South Tower)

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

42. NJ TRANSIT'S Contracting Opportunities

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.

Room: Pageant (South Tower)

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

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

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

Room: Parade (South Tower)

Moderator:

Speaker:

Speaker:

Speaker:

44. History at Hand in Princeton

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.

Room: Rolling Chair (South Tower)

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

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.

Room: Seaside (South Tower)

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

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 and the Federal Transportation Administration's 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 and behind the scenes information from the leaders that are making this program a reality.

Room: Salon #1 (North Tower)

Moderator: Anthony Attanasio, CEO, Hawk Strategies

Speaker: Kris Kullori

Speaker: Eric Daleo

Speaker: Steve Goodman, FTA Regional Administrator (Invited)

Wednesday All Day Beverage Station

Located inside and at the rear of the Exhibit Room

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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)

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.

Room: Carousel (South Tower)

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

48. Are the Locals Ready for Connected Technology?

In 2020 NJDOT initiated its first "Connected Ready" project for final design and in 2021 the construction was started for Rte. 1 and I-278 and is still progressing. NJDOT 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. NJDOT 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 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 understand 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 the Connected Technologies when upgrading the signal systems.

Room: Pageant (South Tower)

Moderator:

Speaker:

Speaker:

Speaker:

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NJ TransAction Conference Program Schedule and Workshop Sessions

Wednesday, April 19, 2023

(P) = Planning ACIP Credits

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4:00 pm 5:00 pm (Continued)

49. Case Studies in Bicycle and Pedestrian Safety Campaigns for Your Community

Room: Parade (South Tower)

Moderator:

Speaker:

Speaker:

Speaker:

50. DVRPC Regional Vision Zero 2050 Action Program

Room: Rolling Chair (South Tower)

Moderator:

Speaker:

Speaker:

Speaker:

51. The Other ZEV - Hydrogen Fuel Cell Vehicles

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.

Room: Seaside (South Tower)

Moderator:

Speaker:

Speaker:

Speaker:

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

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.

Room: Salon #1 (North Tower)

Moderator:

Speaker:

Speaker:

Speaker:

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Wednesday, April 19, 2023

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

5:00 pm - 6:00 pm

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

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.

Room: Carousel (South Tower)

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

54. NJTPA Municipal Programs Spotlight

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.

Room: Pageant (South Tower)

Moderator:

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

Speaker:

Speaker:

55. Re-Envisioning the Right of Way

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.

Room: Parade (South Tower)

Moderator:

Speaker:

Speaker:

Speaker:

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Wednesday, April 19, 2023

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

56. Demystifying Technology for the Locals:

Room: Rolling Chair (South Tower)

The network of roadways connecting our local Counties, Municipalities and Townships provides critical connectivity internally but are also the critical links providing access to the State arterials and Interstate System. These are extremely crucial for the safe and efficient mobility of the traffic through any region. With 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 robust and well connected ITS system on the local roadway network even though the local network is carrying the majority of the traffic. There is a tremendous gap in technology implementation for the locals when it comes to the latest trends as a tremendous amount of burden falls on the local staff who manage the operation of 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:

Speaker:

Speaker:

57. Zero Emission Transformation for public mobility

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 propulsion of transportation 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. In this panel, we will discuss the impacts beyond the vehicles with a focus on public transportation. The investment that will be required for facilities, the retraining and most importantly the investment in 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 off the NJ coast will dwarf the cost of the vehicle fleets. We will discuss the path forward to successfully implement change at this magnitude.

Room: Seaside (South Tower)

Moderator:

Speaker:

Speaker:

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

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.

Room: Salon #1 (North Tower)

Moderator:

Speaker:

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

THANK YOU

THANK YOU

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Continental Breakfast Sponsors

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8:30 am - 9:30 am

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

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.

Room: Carousel (South Tower)

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

NJDOT, NJSP, and other partner agencies have launched an online, self-guided Traffic Incident Management (TIM) training class. This session will provide information on updates to 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.

Room: Pageant (South Tower)

Moderator:

Speaker:

Speaker:

Speaker:

61. Atlantic City Expressway All Electronic Tolling

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.

Room: Parade (South Tower)

Moderator:

Speaker:

Speaker:

Speaker:

62. Meet the Freight Railroads of New Jersey

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.

Room: Rolling Chair (South Tower)

Moderator:

Presenter: John McCreavy :New Jersey Railroad Association / SMS Rail Service

Presenter: Michael Fesen : Norfolk Southern RR

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

63. TBD

Room: Seaside (South Tower)

Moderator:

Speaker:

Speaker:

Speaker:

64. Inclusion by Design: The Americans with Disabilities Act

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.

Room: Salon #1 (North Tower)

Moderator:

Speaker:

Speaker:

Speaker:

65. DVRPC: NJT Bus and Bike Interactions Research and Lessons Learned

Room: Salon #2 (North Tower)

Moderator:

Speaker:

Speaker:

Speaker:

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9:40 am - 10:40 am

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

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.

Room: Carousel (South Tower)

Presenter: Michael Noel, Noel Training & Consulting

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

67. Getting There - Improved Access to Transit Projects

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.

Room: Pageant (South Tower)

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

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

Presenter: Hailey Graf – Principal Facilities Planner, NJ TRANSIT

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

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

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

68. The Right Approach for Wrong Way Driving Mitigation

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. If selected, 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!

Room: Parade (South Tower)

Moderator:

Speaker:

Speaker:

Speaker:

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

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

This session explores how Zero Deaths Initiatives (Vision Zero, Toward Zero Deaths, Road to Zero) and FHWA's 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.

Room: Rolling Chair (South Tower)

Moderator:

Speaker:

Speaker:

Speaker:

70. Improving Walking and Bicycling Safety in School Zones

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.

Room: Seaside (South Tower)

Moderator:

Speaker:

Speaker:

Speaker:

71. Advancing Diversity, Equity, Inclusion & Belonging

Though conversations around Diversity, Equity, Inclusion & Belonging (DEI&B) have become more prevalent in the workforce, for some both the meaning and application of these concepts remain a challenge. This client panel will clarify these terms, discuss best practices and strategies, and provide an opportunity to learn more about DEI&B from New Jersey industry experts.

Room: Salon #1 (North Tower)

Moderator:

Speaker:

Speaker:

Speaker:

72. Demonstrate Your Way to Safety

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.

Room: Salon #2 (North Tower)

Moderator:

Speaker:

Speaker:

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11:15 am - 12:15 pm

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

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Room: Carousel (South Tower)

Presenter: Michael Noel, Noel Training & Consulting

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

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

Room: Pageant (South Tower)

Moderator:

Speaker:

Speaker:

Speaker:

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

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.

Room: Parade (South Tower)

Moderator:

Speaker:

Speaker:

Speaker:

76. SJTPO Regional Freight Plan Data Collection and Analysis

SJTPO recently completed a Regional Freight Plan to better understand the movement of freight goods in southern New Jersey and integrate freight into its transportation planning process. The study identified the SJTPO freight transportation network, network modes, intermodal links and applied data-driven measures to assess the freight network's performance, and analysis of INRIX data. The presentation will discuss the freight network data quality, including shortcomings where freight volume was believed to be underrepresented.

Room: Rolling Chair (South Tower)

Moderator:

Speaker:

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Speaker:

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

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

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.

Room: Seaside (South Tower)

Moderator: Scott Minnich, PE, Dewberry

Speaker: Joseph Livingston, PE, New Jersey Turnpike Authority

Speaker: Elkins Green, Jr., New Jersey Department of Transportation

Speaker: Nick Angarone, New Jersey Department of Environmental Protection

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

Speaker: David Nowak, Senior Project Scientist, Dewberry

Speaker: Maureen Mullen, SC&A

78. Ethics: LAW

Room: Salons #1 (North Tower)

Moderator:

Speaker:

Speaker:

Speaker:

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

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.

Room: Salons #2 (North Tower)

Moderator:

Speaker:

Speaker:

Speaker: