

NJ TransAction Conference Program Schedule and Workshop Sessions

Tuesday, April 17, 2018

(E) = Engineering PDH Credits (P) = Planning ACIP Credits

- 10:00 am - 4:00 pm** Registration Desk Opens, 4th floor South Tower in Exhibit Hall
- 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. Improving Resilience through Asset Management

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

The presentation will focus on how agencies can improve resilience programs through asset management, and vice versa. Current best practices will be compared for data availability, ease of data collection, decision support tools, and pros and cons of various approaches that have been published. A demonstration of the web-based system deployment of the Flood Forecasting Asset Response System (FfARS™) using ESRI's ArcGIS Operations Dashboard platform will be shown. The tool assists the planning and implementation of appropriate Storm Loss Mitigation Plan measures based on the best available information regarding the timing, extent, and intensity of storm events.

Moderator: Mark Nardolillo, CEO, BEM Systems, Inc.
Speaker: Ayesha Dolasa, Program Manager, BEM Systems, Inc.
Speaker: Mittul Patel, Vice President, BEM Systems, Inc.

2. Developing New Technology Tools for Local Planners

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

New methods and tools that have been developed to improve the processing of traffic counts and bicycle facility planning will be presented. The tools that will be featured in this workshop include a vehicle classification application that automates data processing and entry for video traffic counts, a new method to develop seasonal correction factors that can be applied to bicycle and pedestrian counts to attain average annual daily volumes, and a GIS tool to identify islands of "low stress" bicycle networks and prioritize connections between them.

Moderator: Matthew Gates, Manager, Office of Travel Trends and Forecasts, DVRPC
Speaker: Scott Brady, Manager, Office of Travel Monitoring, DVRPC
Speaker: Gregory Krykewycz, PP, AICP, Associate Director, DVRPC
Speaker: Jonathan Ferullo, Senior Transportation Planner, DVRPC

3. Innovation in Trackside Worker Safety: SWS-Safety Warning System

(P) Room: Seaside (South Tower)

In accordance with NTSB recommendations and pursuant to the introduction of appropriate safety redundancies to the process in transit authorities and railroads, we are presenting an innovative safety warning system for the sake of minimizing and even eliminating the risk of fatalities for trackside workers. The proposed solution is NON-disruptive to the state of the art safety process in the sense that it's working stand-alone and allows to optimize trains operations.

Moderator: Fabio Casali, USA Business Developer, Schweizer Electronic – Track Warning Systems
Speaker: Mike Dombrowski, VP Sales & Marketing, Power Resources International, Inc.

4. The Application of Transportation Systems Management & Operations (TSMO) Techniques in NJ

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

The planning process where TSMO concepts and practices (i.e. Hard Shoulder Running, Adaptive Signal Control, Incident Management Practices, etc.), are being included for consideration in addressing NJ's Mobility and Safety concerns.

Moderator: C. William (Bill) Kingsland, Asst. Commissioner, NJDOT Transportation Systems Management
Speaker: Wasif Mirza, Director, Mobility and Systems Engineering, NJDOT
Speaker: Sal Cowan, Director, Traffic Operations, NJDOT
Speaker: Susan Catlett, Project Manager, Engineering, Operations and Planning Support, NJDOT



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5. Plugging In the Transportation Future: The Electric Vehicle Revolution

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

Electric Vehicles (EVs) are appearing on New Jersey's roads in ever-greater numbers. With this comes greater demand for vehicle charging infrastructure. What does the future hold for EVs in New Jersey? And, how can municipalities facilitate and respond to this transformation in vehicle technology? In this session, participants will hear from experts from the public- and private sectors. Discussion will focus on what government, non-profit, and industry leaders are doing to advance electric vehicles in New Jersey — and what actions municipalities can take to get ready for the vehicles of the future.

Moderator: Angel Estrada, Union County Freeholder and NJTPA Chairman

Speaker: Chuck Feinberg, Chairman & DOE Coordinator, NJ Clean Cities Coalition

Speaker: Mark Warner, Vice President, Gabel Associates

Speaker: Jeffrey Perlman, Manager, Environmental Planning and Mobility Programs, NJTPA

Speaker: Nancy Quirk, Energy Program Manager, Sustainable Jersey

Speaker: Peg Hannah, Asst. Director, Air Monitoring and Mobile Sources, NJDEP

6. Bridge Rehab/Replacement Innovations & Trends

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

Bridge rehabilitations and replacements are key infrastructure tasks for our regional transportation agencies. Learn what the latest trends are to rehabilitate and/or replace our aging bridge structures for everyday repairs, accelerated construction and responding to emergencies. Bryan Garbasz will pull from his role as Dewberry's Structural Bridge Department Manager to moderate a panel of industry experts, including representatives from NJTA, PANYNJ, NJ TRANSIT and JMT.

Moderator: Bryan Garbasz, Senior Associate & Bridge Structures Department Manager, Dewberry

Speaker: Ramesh Panchalan, PE Assistant Engineer of Design – Structural, Port Authority of NY&NJ

Speaker: William Wilson, PE Supervising Engineer and Structural Department Manager, NJ Turnpike Authority

Speaker: Kiran Patel, Chief, Project Management – Capital Planning & Programs, NJ TRANSIT

Speaker: Brian Strizki, Senior Vice President, Johnson, Mirmiran & Thomson

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

7. Understanding Partnering and its Effectiveness within MTBTA

(P) Room: Parade (South Tower)

Partnering is an effective tool in helping construction projects to develop and manage teams throughout a project. This session will help to share the MTBTA story of their challenges and successes and why they now embrace Partnering within their organization. This presentation will also provide an update on innovations of Partnering which includes survey statistics from the national FHWA survey that was conducted on all State DOTs.

Presenter: Renee Hoekstra, Managing Partner, RHA, LLC



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1:00 pm – 2:15 pm (Continued)

8. NJ TRANSIT: The Summer of . . . Planning for Long Term Service Reductions

(P) Room: Seaside (South Tower)

During the summer of 2017, Amtrak's planned rehabilitation to tracks and switches significantly reduced train service into Penn Station New York. The panelists will discuss: 1.) the goals and objectives of the summer service plan, as well as the development of new and modified rail, bus and ferry service patterns and fare policies; 2.) The findings from a panel survey of NJ TRANSIT rail riders that was conducted before, during and after Amtrak's Summer Track Repair work to understand how customers were traveling and getting information about NJ TRANSIT; and 3.) The NJ TRANSIT ridership trends before, during and after the Penn Station Renewal Project.

Moderator: Jack Dean, Project Director, Research and Community Services, NJ TRANSIT
Speaker: Mathew Safer, Senior Director, Demand Forecasting and Research, NJ TRANSIT
Speaker: Susan O'Donnell, Senior Director, Business Analysis and Research, NJ TRANSIT
Speaker: Al Tillotson, Director Market Analysis and Pricing, NJ TRANSIT

9. Signal Analysis and the Latest Trends in New Jersey

(E) (P) Room: Reilly (Inside Exhibit Hall/South Tower)

NJDOT, along with our partners from Academia and Consulting Firms, conducted studies to determine the parameters and techniques to provide for more accurate signal analysis statewide (i.e. Saturation Flow Rates)

Moderator: W. Mirza, Director, Div. of Mobility and Systems Engineering, NJDOT
Speaker: Rich Casmer, Supervising Highway Engineer, NJDOT
Speaker: Noel Toner, Principal Engineer, NJDOT
Speaker: Shazia Khizir, Asst. Engineer, NJDOT

10. Smart Cities

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

This session explores the concept of "Smart Cities" and urban mobility using data, applications, and technology as transportation-based solutions. Experts will discuss how our travel network will adapt to a world that includes self-driving vehicles, expanded ride hailing services, smart parking, adaptive traffic signals, and advanced traveler information.

Moderator: John W. Bartlett, Passaic County Freeholder and NJTPA Second Vice Chair
Speaker: Solomon Caviness, Special Projects Manager, NJTPA
Speaker: Dave Bullock, Managing Director, ITS, Miovision
Speaker: Josh Gold, Senior Manager, Public Affairs, Uber Technologies
Speaker: Krishna Murthy, Executive Director, E-Z Ride TMA
Speaker: Munir Cochinwala, New Jersey Innovation Institute, NJIT

11. NEC FUTURE - To the Record of Decision and Beyond

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

Round table discussion of lessons learned through the Federal Railroad Administration's (FRA's) multi-year planning process. Panelists will discuss planning, environmental and other technical elements of NEC FUTURE, what the Record of Decision means, and what happens next to advance implementation of a shared vision for improved passenger rail service on the Northeast Corridor (NEC).

Moderator & Speaker: Ruby Siegel, Vice President, AECOM
Speaker: Susan Anderson, Assistant Vice President, AECOM
Speaker: John Devin Gargan, Transportation Planner, AECOM



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2:20 pm – 3:25 pm

12. Revisioning and Repositioning Infrastructure for Development and Economic Vitality

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

Transportation assets in the form of rail, highway and associated infrastructure, have generated economic value and development opportunities. Only recently have operators recognized the intrinsic value of these assets, and have developed around and over them to generate value. We will explore a number of the opportunities from three interrelated perspectives, financial, technical and design.

Moderator: Daniel Baer, Senior Vice President, WSP USA

Speaker: Daniel Kaplan, Partner, FXCollaborative

Speaker: Eric Rothman, President, HR&A

Speaker: David Smith, Senior Engineer, WSP USA

13. Tech Tools for Planning – An Expo

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

The NJTPA showcases a wide range of innovative planning resources and tools. Applications featured in this interactive session include a land use and transit data viewer, coordinated human services web application, ride matching, bicycle resource tool, and public engagement toolkit. These tools feature innovative uses of GIS, data visualizations, and public engagement and can be used for more efficient planning.

Moderator: Zenobia L. Fields, Director, NJTPA Planning Department

Speaker: Brooke Iacone, GIS Analyst, Cross-County Connections TMA

Speaker: Ted Ritter, Special Projects Manager: External Affairs, NJTPA

Speaker: Peter Bilton, Principal Planner, Mobility Programs, NJTPA

Speaker: Lucas Marxen, Asst. Director, Research Technology, Rutgers University, Office of Research Analytics

14. Living and Learning Along a Highway: Burlington City Students Take Action to Improve Safety

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

In 2016, a high school student was hit and killed walking along Route 130 in Burlington City. This tragedy galvanized the students and the community, and they have since been working with decision makers on engineering, enforcement, and education to improve safety. In Spring 2017, NJDOT implemented a road diet and held an interactive workshop with students. A Pedestrian Road Safety Audit in March 2018 will evaluate the corridor and advance improvements using federal safety funding.

Moderator: Elizabeth Ward, Principal Planner, NV5

Speaker: Elise Bremer-Nei, Bicycle and Pedestrian Coordinator, NJDOT

Speaker: Michael Dannemiller, Principal Engineer, NV5

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

15. Digital Project Management - Emerging Technology

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

The NJDOT has developed and implemented a new Project Management and Reporting System (PMRS) which is modernizing the way the Department does business. This new system uses recent advancement in Project Management (PM) technology to build a system that automates most project management functions; brings most PM functions on one platform, provides real-time project collaboration, project tracking and report, is accessible from any mobile device and significantly reduces the Department's paper consumption.

Moderator: Robert Signora, Project Manager, Capital Program Support, NJDOT

Speaker: Paul Schneider, Director, Capital Program Support, NJDOT

Speaker: Sheryl Grant, Administrative Analyst, Capital Program Support, NJDOT

Speaker: Scott Ackerman, Environmental Specialist 3, Capital Program Support, NJDOT

Speaker: Veronica Murphy, Principal Planner, Capital Program Support, NJDOT



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16. Real-Time Paratransit Scheduling with a Mobile App - Mobility and Accountability in the Palm of your Hand

Room: Reilly (Inside Exhibit Hall/South Tower)

Ecolane's mobile app is designed to help agencies empower their passengers, while reducing the workload of their call center. Giving passengers the ability to manage their transportation from the palm of their hand increases rider satisfaction and deepens their connection to their service. **This presentation is sponsored by Ecolane. www.ecolane.com**

Moderator: Ryan Larsen, Senior Vice President, Ecolane

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

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17. Traffic Sign Inventory, Management, and Retroreflectivity Assessment Program

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

The workshop will discuss compliance with the federal regulation to bring existing signs up to the current retroreflectivity standards. It will also discuss sign data collection methods, setting a sign database and how to determine if existing signs meet the current retroreflectivity regulations.

Moderator & Speaker: Harry Baker, Vice President / Senior Engineer – Traffic & Transportation Engineering, KS Engineers, P.C.

18. Rethinking the Trans-Hudson Crossings

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

Exploring ideas of think-tank ReThink Studio on how NY Penn Station can be made operationally efficient to handle increased traffic from the Gateway tunnels. NJ-ARP will describe how the demand for bus transportation to NYC can be shifted to rail by distributing large numbers of passengers from all over NJ through an extension of the #7 NYC subway to Secaucus, to provide quick access to Manhattan's east side and thereby relieve congestion at the PABT.

Moderator & Speaker: Leonard Resto, President, New Jersey Association of Railroad Passengers

Speaker: Jack May, Former Vice President, New Jersey Association of Railroad Passengers

Speaker: Jim Venturi, Founder & Principal, ReThink Studio

Speaker: Liam Blank, Transportation Analyst, ReThink Studio

Speaker: Christine Berthet, Board Member, Manhattan Community Board #4

19. An Uncomfortable Truth: Assessing Hurricane Preparedness in New Jersey Five Years After Superstorm Sandy

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

This workshop will attempt to answer the question, "In the five-plus years since Superstorm Sandy, is New Jersey more prepared to deal with another storm of similar magnitude? What transportation infrastructure strategies have municipalities and other jurisdictions throughout New Jersey implemented to increase their resiliency and withstand the ravages of a future Sandy, and are they enough?"

Moderator & Speaker: David Heller, Program Manager, System Performance and Subregional Programs, SJTPO

Speaker: John Peterson, Director, Planning and Development, Atlantic County

Speaker: Dale Foster, Cape May County Engineer

20. Getting to YES with Civil Engineers (and Skeptical Public Officials) on Creative Placemaking

(E) (P) Room: Reilly (Inside Exhibit Hall/South Tower)

Painting crosswalks and utility boxes. Temporarily repurposing right-of-ways. DIY curb cuts. What to many people is a fun, colorful rethinking of space can be threatening or even outrageous to some civil engineers and skeptical public officials. How do you break through the tyranny of custom and the quicksand of bureaucratic complications, to convince and persuade these individuals to allow new ideas to grow and flourish? Get ideas from, and engage, a panel of creative placemakers who will talk about their experiences (both good and bad) in getting to yes with skeptics.

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

Speaker: Thomas Young, Program Coordinator, The National Consortium for Creative Placemaking

Speaker: Mike Lydon, Principal, The Street Plans Collaborative

Speaker: Ben Stone, Director of Arts and Culture, Smart Growth America



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4:00 pm – 5:00 pm (Continued)

21. Green & Complete Streets: Designing Streets for People, Cars, AND Stormwater

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

Green infrastructure promotes the infiltration and slow release of runoff while maintaining both a vehicular, pedestrian and cyclist friendly roadway for the 21st century. This workshop will discuss how Green Infrastructure design techniques can be implemented concurrently with other multimodal transportation improvements. Learn from planners and engineers how to better integrate low impact alternatives for today's stormwater runoff related issues within the local/state rights-of-way.

Moderator: John Mullen, AICP, PP, Senior Manager, Planning and Communications Services, McCormick Taylor

Speaker: Kandyce Perry, Planning and Policy Associate, New Jersey Future

Speaker: Michael Grantner, Project Manager, Transportation, McCormick Taylor

Speaker: Ryan Sharp, AICP, PP, Director, Transportation and Parking, City of Hoboken

Speaker: Elise Bremer-Nei, AICP/PP, New Jersey Safe Routes to School Program Coordinator – NJDOT

22. ADA 101 for Community Transportation

(P) Room: Pageant (South Tower)

This session provides an overview of the ADA basic requirements for community transportation services. Find out the do and don't for transporting people with disabilities. Session is geared for community transportation providers including but not limited to county, municipalities and non-profit providers.

Moderator: Ed Hoff, Director of ADA, NJ TRANSIT

Speaker: Lea Sheridan, Manager of Minibus Support, Local Programs, NJ TRANSIT

Speaker: Janelle Rivera, Manager of Local Programs, NJ TRANSIT



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- 8:00 am - 4:00 pm** Registration Desk Opens, 4th floor South Tower in Grand Exhibit Hall
- 8:00 am - 9:00 am** NJ Short Line Railroad Association Meeting in the Board Room (Members Only)
- 9:00 am – 12:00 pm** North & South Jersey Transit 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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BACK BY POPULAR DEMAND



The Exhibit Hall Scavenger Hunt will take place on Wednesday, April 18th. There will be ten (10) \$100 TD Bank Gift Cards raffled to those successfully complete the scavenger hunt.

Winners will be chosen on Wednesday, April 18th at 7:30 PM by a random drawing. You DO NOT need to be present to win.

Use your mobile device and the TransAction App to search the exhibit floor for the "good" QR codes. Additional instructions included in this program.



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9:15 am - 10:15 am

23. How Autonomous Vehicles Will Change Our Roads & Our Communities

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

Autonomous technology may seem far off but if you look at today's vehicles we are well on our way to a connected, self-driving world. How will that new transportation reality impact the decisions we make today. What are the new pieces that we need to look at incorporating in our current projects? Hear a discussion about how the connected and autonomous solutions will change the landscape and what we can do to prepare for it.

Moderator: Steve Dilts, Vice President, HNTB

Speaker: Cathleen Lewis, Principal, Penna Consulting

Speaker: Dana Hecht, Senior Program Manager, Portal Bridge Program, NJ TRANSIT

Speaker: Jennifer Bates, PE, Principal Engineer, Port Authority of NY & NJ

Speaker: C. William (Bill) Kingsland, Assistant Commissioner of Transportation Systems Management, NJ DOT

24. Priority Investment in Sustainable Development and Redevelopment, Lessons from Somerset County

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

Many Somerset County locations are prime candidates for vibrant, mixed-use, live-work environments that can attract new businesses and employers, expand and diversify the economic base and workforce, and provide opportunities for affordable housing. To capitalize on these opportunities and leverage its existing amenities and assets, Somerset has developed the Investment Framework to identify, prioritize, and advance opportunities for targeted growth, redevelopment, preservation, resilience, and sustainability. This session will include success stories and lessons learned.

Moderator: Walter Lane, Director Planning, Somerset County

Speaker: Peter Kremer, Project Manager/Planning Lead, WSP

Speaker: Paul Grygiel, Principal, Phillips Preiss Grygiel LLC

Speaker: Michael Kerwin, President & CEO, Somerset County Business Partnership

25. The Changing Motor Truck Industry: Electronic Logs/Truck Parking Shortage - In Crisis/Reality of Autonomous Trucks

(E) (P)

Room: Rolling Chair (South Tower)

A discussion of some of the major issues facing the trucking industry. From the impacts of the Electronic Logging Device mandate to the current truck parking shortage which continues to grow and the future of autonomous trucks.

Presenter: Gail Toth, Executive Director, New Jersey Motor Truck Association

26. Heavy Trucks in the City - Balancing Community and Business Needs

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

Freight movement—by truck, train, and ship—is a driving force of the economy and the lifeblood of industry in the Delaware Valley region. Heavy trucks are responsible for transporting a greater volume of goods than any other mode, but it also presents a unique set of challenges for the communities they travel through. How can planners balance the economic benefits of heavy trucks with community concerns about air pollution, noise, and safety? Delaware Valley Regional Planning Commission staff will discuss best practices and present recent work in the City of Chester, PA.

Moderator: Michael Ruane, Senior Transportation Planner, DVRPC

Speaker: Al Beatty, Transportation Planner, DVRPC

Speaker: Karen Whitaker, Transportation Planner, DVRPC



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

27. Lead, Follow, or Get Out of the Way – Societal Implications of Coming Mobility Changes

(E) (P) Room: Reilly (Inside Exhibit Hall/South Tower)

Autonomous vehicles, ride-hailing, location-based services, and many other transportation innovations are rapidly becoming part of our everyday lives. Session panelists will discuss the wide-ranging societal and economic implications of this new mobility, including potential impacts on safety, law enforcement, health, and homeland security; as well as possible disparate impacts on various populations, such as elderly, low-income and those with disabilities.

Moderator: Mary D. Ameen, Deputy Executive Director, NJTPA

Speaker: Dr. Mitchell D. Erickson, Ph.D., Science Advisor, U.S. Department of Homeland Security

Speaker: Dr. Alain L. Kornhauser, Ph.D., Prof. of Operations Research and Financial Engineering, Princeton University

Speaker: Dr. James W. Hughes, Ph.D., University Professor and Dean Emeritus, Edward J. Bloustein School of Planning and Public Policy - Rutgers, the State University of New Jersey

28. NJ TRANSIT: Hudson Tunnel Project Design and NEPA

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

Called the most important infrastructure project in the nation, the Hudson Tunnel Project proposes construction of a new Hudson River rail tunnel serving Amtrak and NJ TRANSIT in order to rehabilitate and repair the existing 107-year old North River Tunnel without disrupting the existing rail services that rely on the tunnel for this important link in the Northeast Corridor. Hear from agency representatives involved in the design and federal environmental review of the project. The FRA is expected to publish a Final Environmental Impact Statement and Record of Decision on the project this Spring.

Moderator: RJ Palladino, ACIP/PP, Senior Program Manager, NJ TRANSIT

Speaker: Craig Schulz, Gateway Program Communications, Amtrak

Speaker: Julie Cowing, AICP, Senior Vice President, AKRF Inc.

Speaker: Phil Rice, P.E., Vice President, WSP USA

29. Community Transportation - Accident Scene Protocols

(P) Room: Pageant (South Tower)

When a bus accident happens, three individuals must make quick decisions during a stressful situation. This interactive discussion will look at the actions the driver must take, the direction the dispatcher must provide and the responsibility the on-site Supervisor must ensure. A specific set of accident scene protocols will be provided, and each group will take on the role of the driver, dispatcher and supervisor.

Facilitator: Michael Noel, Noel Training & Consulting

10:45 am - 11:55 am

30. Positive Train Control

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

Congress mandated, but did not fund, the development and implementation of a positive train control system in 2008. This development has been expensive and complicated. Amtrak has announced it will not allow non-compliant freight and commuter railroads to operate on its tracks after December 31, 2018.

Moderator: Stephen M. Sullivan, Managing Director, R. L. Banks and Associates

Speaker: George Hartman, Senior Manager of Positive Train Control, Amtrak

Speaker: William Adams, PTC Engineer, Conrail

Speaker: William Everett, Principal Regional Sales Manager, Business Development, Rockwell Collins ARINC



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31. Federal Transportation Policy and Funding Outlook

(P) Room: Parade (South Tower)

What does the future hold for transportation policy and funding at the federal level? What are the latest transportation and infrastructure related developments in Congress and the Administration? This panel of national experts will provide some insights on these questions and others!

Moderator: Kathryn A. DeFillippo, Morris County Freeholder and NJTPA Third Vice Chair

Speaker: Erich Zimmermann, Director of Transportation Programs, NARC

Speaker: Joung Lee, Policy Director, American Association of State Highway and Transportation Officials

32. Multi-Disciplinary Traffic Incident Management (TIM) Program in NJ

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

TIM is a national effort to accomplish three goals: responder safety, quick incident clearance and interagency communication. Effective TIM programs are recognized as beneficial to the safety of responders and civilians alike while reducing the impacts of crashes on the local, county and state road networks. This discussion will describe the current efforts underway in NJ at the State level and what agencies can do to be more involved in TIM at the local levels.

Moderator: Salvatore Cowan, Director, NJDOT, Traffic Operations

Speaker: Tim Weiss, Senior Planner, Emergency Management Unit, NJDCA

Speaker: SFC Sam Cappuccio, NJSP, Regional Incident Management Coordinator (RIMC), Incident Management Unit

Speaker: Paul Carafides, Senior Transportation Planner, DVRPC

33. Restoring the George

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

The George Washington Bridge, opened in 1931, has begun a \$1.9-billion state-of-good-repair (SGR) program to rehabilitate the facility, scheduled to be completed in 2025. One of the principal components of this rehabilitation includes the replacement of the suspender ropes that support the bridge decks from the main cables. The presentation will illustrate how the conservation of transportation infrastructure can serve not just to maintain facilities, but to actually improve them.

Moderator: Ahmed Ismail, Principal Transportation Planner, PANYNJ

Speaker: Robert Eisenstat, Chief Architect, PANYNJ

Speaker: Amanda Rogers, Senior Construction Engineer, PANYNJ

34. Keeping Pace: An Exploration of the Fast Growing Industrial Market in South Jersey

(P) Room: Reilly (Inside Exhibit Hall/South Tower)

The red-hot New Jersey Industrial Market continues to boom in South Jersey. Supported by the largest consumer market in the United States, Southeastern Pennsylvania along with the Lehigh Valley and New Jersey represent the fastest growing warehouse development markets in the country. This session will focus on the South Jersey market highlighting forces behind this rapid growth, strategies for accommodating new development, changing demands around industrial rail service, and what we can expect in the future as the market develops.

Moderator: Michael Ruane, Senior Transportation Planner, Office of Freight and Aviation, DVRPC

Speaker: Roy Kardon, Vice President - Industrial Division, NAI Mertz

Speaker: John Ward, Operations Manager, Amazon (ABE8 Facility)

35. NJ TRANSIT: Major Capital Projects: 2018 and Beyond

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

NJ TRANSIT is advancing capital projects and programs that address safety, reliability, state of good repair, resilience, and system expansion. This panel will update attendees on major initiatives that NJ TRANSIT is currently progressing.

Moderator: Eric R. Daleo, Assistant Executive Director, Capital Planning & Programs, NJ TRANSIT

Speaker: Kerry Donovan, Chief, Construction Management (Portal Bridge), NJ TRANSIT

Speaker: Lenora Isaac, Senior Director, Resilience Program (Sandy Recovery and Resilience Projects), NJ TRANSIT

Speaker: Linda Mosch, Senior Director, Light Rail Expansion Projects (Northern Branch, Rt 440, Glassboro), NJ TRANSIT

Speaker: Megan Strickland, Chief, Capital Compliance, Budget & Administration (Mason Substation – PSE&G Partnership), NJ TRANSIT



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NJ TransAction Conference Program Schedule and Workshop Sessions

Wednesday, April 18, 2018

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

36. Transit Asset Management for New Jersey's Community Transportation Agencies

(P) Room: Pageant (South Tower)

This workshop will specifically focus on the new Transit Asset Management (TAM) requirement. New Jersey's community transportation agencies who receive pass through funds administered by NJ TRANSIT's Local Programs/Community Mobility department should join us and learn how to comply with the new TAM regulations by October 1, 2018.

Moderator: Anna Magri, Director, NJ Transit Office of Local Program & Minibus Support

Speaker: Lea Sheridan, Supervisor of Quality Assurance & Compliance, NJ Transit Office of Local Programs & Minibus Support

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

Opening Remarks: Frank Reilly, Conference Chairman

Master of Ceremonies: Michael M. Vieira, Conference Vice-Chair

Remarks by: Diane Gutierrez-Scaccetti, Acting Commissioner, NJ Department of Transportation
Kevin Corbett, Executive Director, NJ TRANSIT

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NJ TransAction Conference Program Schedule and Workshop Sessions

Wednesday, April 18, 2018

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

1:30 pm - 2:40 pm

37. Moving Gateway Forward

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

The Gateway Program is a comprehensive set of rail investments on the Northeast Corridor designed to improve current services and create new capacity that will allow the doubling of passenger trains running under the Hudson River. This session will include a planning overview of the entire Gateway Program, update on governance, status of funding/ financing, construction packaging, and next steps for planning the elements of the Gateway Program necessary to bring about expanded capacity on the Northeast Corridor.

Moderator: Philip K. Beachem, President, New Jersey Alliance for Action

Speaker: Marie Corrado, Senior Director, Gateway Program, Amtrak

Speaker: Drew Galloway, Vice President, Director Planning and Service Development, WSP

Speaker: Francis Sacr, Interim Finance Director, Gateway Program Development Corporation

38. Walkability: What's the Human Being Got To Do With It

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

This session examines the right to walk in cities through a comparative review of three case studies: Macau, Lisbon and Las Vegas. The talk is centered on the hypotheses that land and the built environment can be consciously designed to facilitate walking activity and that pedestrian-friendly commercial neighborhoods have high levels of livability, urban vibrancy and economic success.

Presenter: Carlos Balsas, Assistant Prof., University at Albany

39. US Railroading- Fifty Years of Change

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

The presentation explores the changes in US Transportation Law and Regulations in the last 50 years which have transformed the railroad business in the U.S. from a failing enterprise to a profitable business supporting economic development in the U.S. in which both the carriers and the shippers benefit.

Moderator: Kelvin MacKavanagh, Secretary, NJ Short Line Railroad Association

Speaker: John Fiorilla, Equity Shareholder, Capehart & Scatchard P.A.

40. At the Speed of Light: Moving Your Project Through the Environmental Review and Permitting Process

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

Environmental streamlining for infrastructure is a major priority for the Trump administration. Past administrations have also promoted efficient and effective environmental reviews for transportation projects through streamlining provisions in SAFETEA. Ruth Foster of NJDEP's Office of Permit Coordination to help you weave your way through **the new world of accelerated** environmental review and permitting from the Federal and State perspective, while Lisa Navarro from the NJ Turnpike Authority will be bringing the local project expertise to apply these concepts to real projects to round out the panel.

Moderator: Mike Davis, Senior Vice President, ICF

Speaker: Rich Walter, Senior Fellow, ICF

Speaker: Ruth Foster – Acting Director Office of Permit Coordination, NJDEP

Speaker: Lisa Navarro, Senior Project Engineer, NJ Turnpike Authority



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NJ TransAction Conference Program Schedule and Workshop Sessions

Wednesday, April 18, 2018

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

41. Stories of Success - Complete Streets That REALLY Happened in New Jersey

(E) (P) Room: Reilly (Inside Exhibit Hall/South Tower)

This presentation will be a film showcase of communities, districts, or non-profits that have received Complete Streets Excellence Awards as a result of their exemplary approach and implementation of Complete Streets principles. Films both show and explain the successes of these entities, the challenges that were overcome, and the community journey towards implementation. Each community/group has a highly produced case study that dynamically shows what Complete Streets are in practice and serve as an inspiration to communities across NJ. The producer of the film will be in the session to discuss and expound on any of the stories that audience members want to discuss. Communities/groups that will be profiled include: Cape May County, Newark Ironbound, Lawrence Hopewell Trail, Morristown, Millburn, and Somerville NJ.

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

42. Emergency Rehabilitation and Replacement of the Historic Route 206 Bridges over Stony Brook in the Princeton Battlefield Historic District, Princeton, New Jersey

(E) (P)

Room: Salon #2 (North Tower)

Built in 1792, the Stone Arch Bridge over Stony Brook is the oldest state-owned bridge in New Jersey still in use. The presentation will review the project from inception of the emergency repair as a result of the partial collapse of the parapet and spandrel wall which forced the closing of the bridge and roadway in February 2016, to rehabilitation options and coordination with stakeholders and agencies, through reconstruction of the Stone Arch Bridge, the replacement of the adjacent "Flood Channel Bridge" and repair to the adjacent historic "Worth's Mill Ruin Wall".

Moderator: Thomas P. Di Chiara, PP, AICP, MCRP, Director of Environmental Services, Arora and Associates, PC

Speaker: David Hutchinson, PE, Vice President, Highway Engineering, Arora and Associates, PC

Speaker: Michael J. Gall, RPA, Principal Senior Archaeologist, RGA, Inc.

Speaker: Tina M. Shutz, Environmental Specialist 4, Office of Environmental Solutions, NJDOT

Speaker: Khairul Alam, PE, Senior Vice President, Structures Department, Arora and Associates, PC

Speaker: Dana Hecht, Senior Program Manager, NJ TRANSIT

43. Community Transportation - Coaching Our Employees

(P)

Room: Pageant (South Tower)

A community transit system is made up of a wide variety of employees. The managers and supervisors must be able to coach individuals to insure safety, morale and customer service for all who come into contact with our employees. The ability to coach is perhaps the single most important activity of managers and supervisors. Defining coaching as "letting people know that what they do matters" is job one for leadership and the determines the success of the agency in all activities. Three basic rules of coaching will be discussed: never let good work go unnoticed, never let poor work go unnoticed, and never let them go down a dead-end road.

Facilitator: Michael Noel, Noel Training & Consulting

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



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NJ TransAction Conference Program Schedule and Workshop Sessions

Wednesday, April 18, 2018

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

2:40 pm - 4:00 pm Student Poster Session (Located in Rear of Exhibit Hall)

2018 Student Poster Session Participants

- Poster #1: **Bike Path Extension Feasibility Study**
Students: Scott Brody, B.S. Civil Engineering; Vincent Ferriola, B.S. Civil Engineering
Rowan University
- Poster #2: **Autonomous vehicle sharing and ride sharing: a feasibility study for Rowan University College of Engineering students and staff**
Students: Plaban Das, M.S. in Civil Engineering; Dante Massimino, B.S. in Civil Engineering
Rowan University
- Poster #3: **Investigation of Reclaimed Asphalt Pavement Properties for Sustainable Infrastructure**
Students: Andy Ye, Nathaniel Gallishaw, David Harvey, Camden Palvino, B.S. in Civil Engineering
Villanova University

4:00 pm 5:00 pm

44. TransConOpps Contracting Opportunities for A/E/C/Env (Part 1 of 2)

(E-NY) Room: Reilly (Inside Exhibit Hall/South Tower)

(P) This two-part session features briefings of upcoming opportunities in NJ, NY and PA for the transportation sector. Agency Senior Executives will deliver detailed information on the anticipated contracting opportunities for the architecture, engineering, construction, and environmental disciplines for the next two fiscal years. Presentations will also include an overview of each agency's mission, a description of procurement practices, and the technical scope of services to be performed. This is a "don't miss" session for attendees who are interested in doing business with NJ DOT, DRPA, PANYNJ, NJ Transit and other agencies from the region. Women's Transportation Seminars Philadelphia and Greater New York Chapters and HNTB Corp generously sponsored this double-session.

Moderator: Susan Boone, Legerity Consultants

Introducing: Diane Gutierrez-Scaccetti, Acting Commissioner, NJ DOT

Speaker: Eric Daleo, Assistant Executive Director, NJ TRANSIT

Speaker: Rob Fischer, Chief Engineer, NJ Turnpike Authority

Speaker: E. David Lambert III, Assistant Commissioner of Capital Program Management, NJ DOT

Speaker: Cathy Mahoney, PE, Manager of Design, Engineering Department Manager/Program Management, Port Authority of NY & NJ

Speaker: Michael Venuto, Director of Engineering/Chief Engineer, Delaware River Port Authority

Speaker: Olympia Colasante, Vice President Hub Operations PHL, American Airlines



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NJ TransAction Conference Program Schedule and Workshop Sessions

Wednesday, April 18, 2018

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4:00 pm - 5:00 pm (Continued)

45. Big Data, GIS and Short Line Railroads - The Future is Now

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

This workshop will demonstrate how Big Data tools and GIS can be used NOW to help short line railroads improve their operations, engineering and safety and -- oh yes, profitability!

Moderator: John Betak, Ph.D., Managing Member, Collaborative Solutions LLC

Speaker: Trefor P. Williams, Ph.D., Professor of Civil Engineering, Rutgers University

Speaker: R. Michael White, Regulatory Compliance Specialist, Global Information Systems, LLC

Speaker: Jacob Fenno, Project Engineer, Conrail

46. Benefits and Challenges of UAS Technology for State Agencies

(P) Room: Rolling Chair (South Tower)

Learn how public operators are integrating UAS technology into traditional government missions. Learn how drone operators can assist Law Enforcement, Emergency Management, First Responders and the DEP.

Moderator: Glenn Stott, UAS Coordinator, NJDOT, Multimodal

Speaker: SFC Ronald Leach, UAS Lead, NJ State Police

Speaker: Robert Gill, NJ Forest Fire Service, Forest Firewarden, DEP

47. NJ Transit Resilience Program: Long Slip Canal Project - Navigating Through Regionally Constrained Compensatory Mitigation

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

The filling of the Long Slip Canal in Hoboken, NJ will result in taking 3.59 Acres of E1UBLx resources. On behalf of NJ TRANSIT, BEM obtained a NEPA-FONSI and navigated through hierarchical mechanisms for providing compensatory mitigation. BEM evaluated alternatives and challenges for regional mitigation, presented analyses showing ecological uplift, and argued that a reduced compensation ratio was satisfactory.

Moderator: Mittul Patel, Vice President, BEM Systems, Inc.

Speaker: John Geitner, Sr. Director - Environment, Energy & Sustainability, NJ TRANSIT

Speaker: Harold Olarte, Program Manager - NEPA, Permitting & Ecological Services, BEM Systems, Inc.

48. Newark Liberty International Airport Terminal A Redevelopment

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

A New Terminal A will replace the existing Terminal Building, which opened to the public in 1973 with a design capacity of 9 million annual air passengers. Terminal A served over 10 million passengers in 2015. The redevelopment program is estimated to cost \$2.3 billion. The vision for a new design includes four main elements. These elements include a brand new Terminal A, Airfield, Parking Garage and completely redesigned Landside and Roadway.

Moderator: Ahmed Ismail, Principal Transportation Planner, PANYNJ

Speaker: Catherine Cronin, Program Director, PANYNJ

Speaker: Catherine Nigro, Senior Construction Engineer, PANYNJ

49. FTA's Proposed New Safety Rule

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

This session is about FTA's proposed new Safety Rule and how it relates to Performance Based Planning Process and Transit Asset Management. Learn about the roles of MPOs, States, and transit agencies to implement the Safety Rule.

Presenter: Michael Culotta, Regional Attorney, USDOT - FTA



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NJ TransAction Conference Program Schedule and Workshop Sessions

Wednesday, April 18, 2018

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4:00 pm - 5:00 pm (Continued)

50. Community Transportation - Dealing with Difficult Customer Behavior

(P) Room: Pageant (South Tower)

Community transit systems provide transportation to a wide variety of passengers. This includes many elderly riders, individuals with physical and intellectual disabilities and individuals with social behavior issues. One of the key skills of any driver is the ability to de-escalate situations and insure a safe transport for all riders. This Interactive Discussion will look at how to train drivers in dealing with different, difficult and dangerous passenger behavior. It will include a set of case studies that each group will address.

Facilitator: Michael Noel, Noel Training & Consulting

5:00 pm - 6:00 pm

51. TransConOpps Contracting Opportunities for A/E/C/Env (Part 2 of 2)

(E-NY) Room: Reilly (Inside Exhibit Hall/South Tower)

(P) This two-part session features briefings of upcoming opportunities in NJ, NY and PA for the transportation sector. Agency Senior Executives will deliver detailed information on the anticipated contracting opportunities for the architecture, engineering, construction, and environmental disciplines for the next two fiscal years. Presentations will also include an overview of each agency's mission, a description of procurement practices, and the technical scope of services to be performed. This is a "don't miss" session for attendees who are interested in doing business with NJ DOT, DRPA, PANYNJ, NJ Transit and other agencies from the region. Women's Transportation Seminars Philadelphia and Greater New York Chapters and HNTB Corp generously sponsored this double-session.

Moderator: Susan Boone, Legerity Consultants

Speaker: Eric Daleo, Assistant Executive Director, NJ Transit

Speaker: Rob Fischer, Chief Engineer, NJ Turnpike Authority

Speaker: E. David Lambert III, Assistant Commissioner of Capital Program Management, NJ DOT

Speaker: Cathy Mahoney, PE, Manager of Design, Engineering Department Manager/Program Management, Port Authority of NY & NJ

Speaker: Michael Venuto, Director of Engineering/Chief Engineer, Delaware River Port Authority

Speaker: Olympia Colasante, Vice President Hub Operations PHL, American Airlines

53. Central Jersey Forum: Past, Current and Future Projects

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

For nearly 20 years, the Central Jersey Forum has met regularly to address the concerns of municipalities in Mercer, Middlesex, and Somerset counties, centered around the US-1, US-130, and US-206 corridors. Focusing on east-west access; transit; and improving coordination of transportation and land use in the region, the Forum has served as a model for coordination and communication at the regional and megaregional levels. Join the Forum's current chair and voting members as they discuss the past accomplishments and future aspirations of this unique organization dedicated to planning at the edge.

Moderator: Jaclyn Davis, Senior Planner, DVRPC

Speaker: Bill Neary, Executive Director, Keep Middlesex Moving

Speaker: Walter Lane, Director of Planning, Somerset County

Speaker: Matthew Lawson, Principal Planner-Transportation, Mercer County



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Wednesday, April 18, 2018

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

54. Emergency Communications: Integrating Audio and Video into a Single Platform

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

Staying on budget while upgrading your video and emergency communications capabilities can be challenging. Leverage your investment in existing technology and enhance your existing operation by combining and steering telephony, PA, radio, and video from both analog and digital realms into a single platform through integration.

Moderator: Paul Grigg, Vice President, Emcom Systems

Speaker: Ron Keppel, Chief Engineer, Emcom Systems

Speaker: Michael Venter, AVP Senior Engineering Manager, WSP

Speaker: Robert Zmudzinski, Vice President Transportation, AECOM

55. Tactical Outreach - What Works NOW!

(P) Room: Seaside (South Tower)

Traditional outreach methods often fall short of their goals. This session will briefly touch on typical outreach pitfalls and will educate the audience on tactical alternatives. "Tactical" solutions can meet outreach and education goals as stand-alone options, while also serving to enhance and improve more traditional methods. Methods that will be covered will include intercept outreach, online surveys with visual elements, "temporary" measures, and media options.

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

Speaker: Susan Blickstein, AICP/PP PhD, Principal, SGB Consulting

56. Community Transportation - Roles & Responsibilities of Transit Managers

(P) Room: Pageant (South Tower)

One of the toughest jobs any manager has is the day to day interaction with employees. Taking advice from management expert James Autry, there are for important communication concepts needed to successful management others. They are; honesty, trust, special treatment and courage. This interactive discussion will take each of these elements into account and discuss how to apply them for both good employees and those that are struggling.

Facilitator: Michael Noel, Noel Training & Consulting

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

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Thursday, April 19, 2018

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8:00 am - 11:30 am Registration Desk Opens, 4th floor South Tower in Grand Exhibit Hall

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

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Booth # 61 & 69

8:35 am - 9:35 am

57. Prioritizing the Transportation Trust Fund

(P) Room: Pageant (South Tower)

With the TTF replenished, and a new administration at the helm, the question becomes how best to spend New Jersey's capital funding. Tackling the long to-do list with a new tool box that could potentially include P3s, Design-Build, multimodal and ITS solutions will not only fix our crumbling infrastructure, but also move New Jersey back to the forefront of transportation innovation.

Moderator: Zoe Baldwin, Director of Government Affairs & Communication, UTCA

Speaker: Cathleen Lewis, Principal, Penna Consulting

Speaker: Anthony Attanasio, Vice President, Senior Program Manager, AECOM

Speaker: Joe Fiordaliso, President, American Council of Engineering New Jersey & CEO NorthStar Strategies



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NJ TransAction Conference Program Schedule and Workshop Sessions

Thursday, April 19, 2018

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8:35 am - 9:35 am (Continued)

58. Taking Outreach to the People

(P) Room: Parade (South Tower)

Innovative engagement strategies can reduce the obstacles to participation that inhibit many people from being involved in the decisions that impact their communities. This session explores innovative outreach methods used in the North and Central Jersey Region including dinner parties, pop-up booths, and tactical urbanist demonstration projects.

Moderator: Kathryn A. DeFillippo, Morris County Freeholder and NJTPA Third Vice Chair

Speaker: Ted Ritter, Special Projects Manager, NJTPA

Speaker: Sarah Tomasello, Assistant Project Coordinator, Voorhees Transportation Center, Rutgers

Speaker: Michael Ahillen, Senior Planner, Fitzgerald & Halliday, Inc.

59. Funding Trails in New Jersey

(P) Room: Rolling Chair (South Tower)

Agency Program Managers will provide an overview of existing County, State, Federal, and other trail funding programs. The Program Administrator of the Morris County Trails Construction Grant Program will review the development, structure, and policies of the new program and provide examples of funded projects. They will also provide an update on the anticipated changes the New Jersey Recreational Trail Program is expected to undergo. Further insight into how the Morris County Trails Construction Grant Program originated from the County Preservation Trust Fund will be provided along with an overview of other non-traditional trail funding sources. Capital Programming Manager from the North Jersey Transportation Planning Authority (NJTPA) will provide examples of Federal programs their agency uses to fund trail projects.

Moderator & Speaker: Denise Chaplick, Director Park Planning & Development, Morris County Park Commission

Speaker: Sascha Frimpong, MPA, Manager, Local Programs and Project Development Capital Programming, NJTPA

Speaker: Barbara Murray, Open Space Program Coordinator, Morris County

60. NJ Turnpike Authority Replacement of the Garden State Parkway Bridge over Great Egg Harbor and Drag Channel, Atlantic and Cape May Counties: Environmental Permitting & Construction Oversight

(E) (P)

Room: Seaside (South Tower)

The presentation will describe the environmental permitting and construction oversight aspects of replacing two heavily travelled GSP bridges. The environmental approval process included field surveys, replanting plan design, relocation of peregrine falcons, USCG, USACE, NJDEP permits and approvals and environmental construction monitoring.

Moderator & Speaker: Sue Quackenbush, Senior Project Manager, Amy S. Greene Environmental Consultants, Inc.

Speaker: Glen Schetelich, NJ Regional Director, Hardesty & Hanover

61. Vision Zero – Intersection Safety

(E) (P) Room: Reilly (Inside Exhibit Hall/South Tower)

New Jersey is a Toward Zero Deaths state, and has been identified by FHWA as a Pedestrian and Intersection Safety Focus State. Pedestrians are vulnerable users of the system, and intersections are vital connections between their origins and destinations. This session will focus on data-driven efforts to identify and prioritize safety improvement locations to advance the TZD goal.

Moderator: Kelvin MacKavanagh, Delaware Valley Regional Planning Commission Regional Safety Task Force

Speaker: Kevin S. Murphy, Manager, Safety Programs, Delaware Valley Regional Planning Commission

Speaker: Jennifer Marandino, P.E., Executive Director, South Jersey Transportation Planning Organization

Speaker: Keith Hamas, AICP, Principal Planner: Safety and Mobility Programs, North Jersey Transportation Planning Authority



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Thursday, April 19, 2018

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9:40 am - 10:30 am

62. Autonomous Driving Is Coming – Will New Jersey Be Ready?

(E) (P) Room: Reilly (Inside Exhibit Hall/South Tower)

This workshop will include presentations and a panel discussion with New Jersey experts on autonomous vehicles, from universities, transit and regulators. Topics include: State of the art – Where we are and what's coming in autonomous vehicles, Transit – Disrupting an industry and saving lives, regulatory matters, and Why NJ needs places to test autonomous driving.

Moderator: Dr. Camille Kamga, Associate Professor, City University of New York

Speaker: Dr. Alain L. Kornhauser, Professor of Operations Research & Financial Engineering, Princeton University

Speaker: Dr. Jerome M. Lutin, Senior Director of Statewide & Regional Planning, New Jersey Transit (Retired)

Speaker: Mr. Matthew W. Daus, Esq., Partner, Chair of Transportation Practice Group, Windels, Marx, Lane, & Mittendorf, LLP, and Distinguished Lecturer, University Transportation Research Center, Grove School of Engineering, City University of New York

63. Leveraging Drone Technology in the Environmental and Transportation Sectors

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

Small unmanned aerial systems (drones) provide an exciting and transformative data collection technology that can be used to monitor and characterize our natural, cultural and physical (man-made) world. From high-resolution orthomosaics to digital surface models and stunning aerial videography, drones can provide a variety of data products at a lower cost than traditional field methods and integrate directly with existing GIS workflows and analysis. For example, drones can be used for virtual site visits, remotely identifying plant communities and wildlife habitats, as well as other hard-to-reach viewing areas that may be challenging for staff to safely access. ICF drone pilots are specifically trained and licensed to manage both the technical software and comply with all regulations surrounding drone use. ICF will present on these drone technologies and explore potential applications for drone use, in addition to providing some case studies in that have successfully implemented the new technology, such as preconstruction documentation, jurisdictional delineations, mitigation monitoring, and habitat restoration. Zenobia Fields from NJTPA and Dave Bullock from MioVision will lead the discussions regarding existing and future uses of drone technology in transportation, including research by FHWA for the upcoming World Road Association Special Report, regarding utilizing drones for the collection of road data and the abilities of drones to assist in data collection for the management of "smart cities".

Speaker: Andrew Johnson, Associate, ICF

Speaker: Zenobia L. Fields, Director, Planning Department, NJTPA

Speaker: Dave Bullock, Vice President of Intelligent Transportation Systems, Miovision

64. Cloud and Mobile Solutions for Construction in Today's World

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

Per FHWA, "e-Construction is the collection, review, approval, and distribution of highway construction contract documents in a paperless environment." We will explore the use of today's technology to meet these goals.

Moderator: Joe Weber, Owner, JJW Consulting Services

Speaker: Brian Curran, Account Manager, Info Tech, Inc.

Speaker: Chad Schaffer, Director of Account Management and Sales, Info Tech Inc.

65. Philadelphia 30th Street Station District Plan Traffic Analysis

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

Philadelphia's 30th Street Station is one of Pennsylvania's busiest intermodal stations serving Amtrak, SEPTA, and NJ Transit. The station and surrounding areas will undergo a transformation that will double the passenger capacity of the station and support 18 million square feet of new development. The vision for the neighborhood, near term projects, and their traffic impacts will be presented.

Moderator: Matthew Gates, Manager, Office of Travel Trends and Forecasts, DVRPC

Speaker: Benjamin Loeb, Transportation Engineer, DVRPC

Speaker: Michael C. Boles, Vice-President, Boles Smyth Associates



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NJ TransAction Conference Program Schedule and Workshop Sessions

Thursday, April 19, 2018

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9:40 am - 10:30 am (Continued)

66. Community Transportation – The ABC’s of Team Building (Part 1 of 2)

(P) Room: Pageant (South Tower)

Community Transit organizations are made up a wide variety of individuals with many talents. Creating an environment which promotes team unity is a primary responsibility of all managers. This workshop will build on the experience of working with others and how to apply similar team building skills to the daily management of their transit systems. Developing the ABC’s – Achieving, Belonging and Contributing are key to any team’s success.

Facilitator: Michael Noel, Noel Training & Consulting

10:30 am -11:15 am Final Opportunity to Visit Exhibits. (Exhibitor break-down after 11:30 am)

11:15 am - 12:15 pm

67. Ethics Training for Planner and Engineering Credits - Part 1 of 2

(E) (P) Room: Reilly (Inside Exhibit Hall/South Tower)

As professional engineers and planners in the transportation industry we need to function in an ethical manner to maintain both our credibility and our career. Engineering and planning societies have codes of ethics that members are expected to confirm to. There are also federal, state and local requirements regarding ethical behavior. This session will explore ethics from the individual and organizational perspectives.

Certified Presenter: Paul J. Larrousse, Director, National Transit Institute, Rutgers, The State University of NJ

68. Visual Technical Advancements That Support Your Transportation and Construction Projects

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

This workshop will provide detailed information about new technical advancements to the industry, including 360-degree visual documentation, drone photography and videography, our Project Image Management (PIM) online construction documentation software, as well as some of the documentation methods of the past. Project owners will learn that by utilizing these advancements they can rest assured that the task of documenting their project will be engaging, comprehensive and most importantly, clear.

Speaker: Chris Stokes, VP & Creative Director, Stokes Creative Group, Inc.

Speaker: Zac Stokes, Creative Client Resources Specialist & Safety Supervisor, Stokes Creative Group, Inc.

Speaker: Amber Konopka, Supervisor of Construction Support Services, Stokes Creative Group, Inc.

69. NJ’s Greenway\$ - connecting people, places, history and bringing the money

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

New Jersey’s Greenway network will soon reach many of NJ’s residents, employees and visitors. Come see how the emerging network of long distance trails will complement each other to form a network of corridors across New Jersey. Some featured emerging Greenways include: the September 11th National Memorial Trail, the Morris Canal Greenway, the East Coast Greenway, and the Cross Camden County.

Moderator: Michael Dannemiller, Principal Engineer, NV5

Speaker: Liz Sewell, Trail Development Manager, Rails to Trails Conservancy

Speaker: Bruce Donald, Tri-State Coordinator, East Coast Greenway Alliance

Speaker: Jay Watson, Vice President, D&R Greenway Land Trust



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Thursday, April 19, 2018

(E) = Engineering PDH Credits (P) = Planning ACIP Credits

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

70. Community Transportation – The ABC’s of Team Building (Part 2 of 2)

(P) Room: Pageant (South Tower)

Community Transit organizations are made up a wide variety of individuals with many talents. Creating an environment which promotes team unity is a primary responsibility of all managers. This workshop will build on the experience of working with others and how to apply similar team building skills to the daily management of their transit systems. Developing the ABC’s – Achieving, Belonging and Contributing are key to any team’s success.

Facilitator: Michael Noel, Noel Training & Consulting

12:15 pm – 1:15 pm

71. Ethics Training for Planner and Engineering Credits - Part 2 of 2

(E) (P) Room: Reilly (Inside Exhibit Hall/South Tower)

As professional engineers and planners in the transportation industry we need to function in an ethical manner to maintain both our credibility and our career. Engineering and planning societies have codes of ethics that members are expected to confirm to. There are also federal, state and local requirements regarding ethical behavior. This session will explore ethics from the individual and organizational perspectives.

Certified Presenter: Paul J. Larrousse, Director, National Transit Institute, Rutgers, The State University of NJ



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