

AGENDA

SUNDAY MAY 21, 2017

8:00am – 3:00pm

EXHIBIT SET-UP *(South Ballroom/Foyer)*

8:00am – 11:00am

TECHNICAL TOUR

Post-Katrina Storm Surge Barrier
(Meet outside Regal Suite, Lobby Level, near the Conti Street entrance of the hotel, at 7:30am. Coaches will leave promptly at 8:00am.)



8:00am – 4:00pm

IBTTA FOUNDATION SERVICE PROJECT

Bastion Veterans Community
(Meet in the hotel lobby at 7:30am. Coaches leave promptly at 8:00am)



5:00pm – 7:00pm

REGISTRATION *(Grand Ballroom Foyer)*

5:30pm – 7:00pm

WELCOME RECEPTION WITH EXHIBITORS *(South Ballroom/Foyer)*
(in the hotel)

MONDAY MAY 22, 2017

7:00am – 5:30pm

REGISTRATION *(Grand Ballroom Foyer)*

7:00am – 8:30am

BREAKFAST WITH EXHIBITORS *(South Ballroom/Foyer)*
(for all registered attendees)

8:30am – 9:00am

GENERAL SESSION

OPENING REMARKS *(North Ballroom)*

Patrick Jones, Executive Director & CEO, IBTTA, Washington, DC

Scott Rundell, Director of Tolling Operations, Louisiana Department of Transportation & Development (DOTD), Baton Rouge, LA



Dr. Shawn Wilson, Secretary, Louisiana Department of Transportation & Development (DOTD), New Orleans, LA

Jeff Heilstedt, Vice President, National Tolls Group, AECOM, Chicago, IL and Eric Hemphill, Director of System and Incident Management, North Texas Tollway Authority, Plano, TX, **Co-Chief Meeting Organizers**

9:00am – 10:30am

GENERAL SESSION

POST-KATRINA: AN UPDATE *(North Ballroom)*

Join us for this moderated discussion on post-Katrina New Orleans and its surrounding areas from the perspective of current and former members of DOTD's leadership team. This panel is comprised of those who were directly involved in the response to Katrina's devastation and the aftermath, reflecting on their personal stories and eyewitness accounts of some of the life-changing events that happened, as well as how people responded both immediately and in the long term. We'll discuss the challenges that faced the public and first responders, and what lessons were learned during the process of cleanup and rebuilding and how the demographics of the region change as the city and state rebuilt from the storm.

MODERATOR: Rodney Mallett, Public Relations Director, DOTD, Baton Rouge, LA

Jean Vossen, Chief of the Engineering Division, New Orleans District, Army Corps of Engineers, New Orleans, LA

Robert Turner Jr., Regional Director, Southeast Louisiana Flood Protection Authority East, New Orleans, LA

Gordon Nelson, Former Assistant Secretary of Operations, DOTD, Baton Rouge, LA

Mike Stack, P.E., Former District 02 Administrator, DOTD, New Orleans, LA

Vincent Latino, DOTD Deputy Engineer Administrator, DOTD, Baton Rouge, LA

Stephen Glascock, ITS Engineer Director, Baton Rouge, DOTD, Baton Rouge, LA

Chris Morvant, Assistant Secretary of Operations, DOTD, Bridge City, LA

10:30am – 11:00am

REFRESHMENT BREAK WITH EXHIBITORS *(South Ballroom/Foyer)*

11:00am – 11:30am

INFRASTRUCTURE REPORT CARD *(North Ballroom)*

Brian Pallasch, CAE, Managing Director, Government Relations and Infrastructure Initiatives, American Society of Civil Engineers, Washington, DC

11:30am – 1:00pm

GENERAL SESSION

THREAT & SECURITY ASSESSMENTS IN MAINTENANCE OPERATIONS

SHRM | 1.50

(North Ballroom)

The media regularly carries news reports on hacking and the finger pointing at the perpetrators. The Bureau of Justice Statistics has found that 67% of businesses have detected at least one or more cybercrimes. Yahoo discloses 1 billion accounts hacked, Nov 28, 2016. The Muni system in San Francisco, was hacked by ransomware demanding 100 Bitcoin (~\$73,000). Toll roads are not immune to these attacks and targets go beyond electronic collection and credit card security. Maintenance is being tasked to maintain and protect the assets of toll roads, while the threats from cyber criminals adds another level of complexity to the maintenance picture. Many of the intrusions are perpetrated by unknown entities, preying on unsuspecting users and can be averted by training, awareness programs and current security measures.

MODERATOR: Bob LaGatta, Senior ITS/Tolling Specialist, Atkins N.A., Charlotte, NC

Cyber Security: Protecting Toll Road Systems and Components

Raymon Lange, Director of Software Engineering, Kapsch TrafficCom, Austin, TX

Personal Information – New Protection Requirements in New York & Rhode Island

Rush Taggart, Chief Security Officer, CardConnect, King of Prussia, PA

Embarking on Identity Theft Protection (PII)

Michael Bonsignore, Chief Technology Officer, Rhode Island Turnpike and Bridge Authority, Jamestown, RI

1:00pm – 2:00pm

LUNCH WITH EXHIBITORS

(South Ballroom/Foyer)

(for all registered attendees)

2:00pm – 3:30pm

BREAKOUT SESSIONS

MAINTENANCE TRACK

(North Ballroom)

Work Zone Safety

Recognizing that the work zones have a significant impact on the traveling public and the source of revenue for agencies, we must strike a balance between work zone safety and minimizing the impact to the public. This session will explore this balance by looking at innovations and techniques used to better inform and implement work zones.

MODERATOR: Jeff Heilstedt, P.E., Vice President, National Tolls Group, AECOM, Chicago, IL

Improving Safety in “Mobile” Work Zones: A Best Practice on Italian Highways

Paolo Andrea Berti, Chief Operating Officer, Autostrade per L’Italia, Rome, Italy

Work Zone Safety Initiatives

Tim Scanlon, P.E., Director of Traffic Engineering and Operations, Pennsylvania Turnpike Commission, Harrisburg, PA

A 360° Approach to Keeping Work Zones S.A.F.E.

Amitis Meshkani, Assistant Director of Maintenance, North Texas Tollway Authority, Plano, TX

ROADWAY OPERATIONS TRACK

(Evangeline B/C)

Resiliency/Sustainability “Open House”

The effect of climate change and variability and the impact of catastrophic incidents have seemingly become much more prevalent in recent history. With each response to every new incident/challenge, the collective understanding of how to be well prepared and to effectively react to these challenges should continue to grow. Sharing these experiences has allowed many infrastructure owners to develop a more robust preparedness, and enhance the resiliency of their assets and systems, with an eye on continuing to optimize their infrastructure through sustainable engineering practices. This special session will allow participants to explore and share case studies and lessons learned from toll agency owners/operators in a unique open house format. Attendees will make the rounds and talk one-on-one or in small groups with various agency representatives about how they responded to a particular incident or disaster.

SESSION ORGANIZER: Jim Laurita, Senior Vice President, Gannett Fleming, New York, NY

OPEN HOUSE PARTICIPANTS:

ASFINAG

David Kollenhofer, Road Operations & Maintenance, Vienna, Austria

Central Texas Regional Mobility Authority

Tim Reilly, Director of Operations, Austin, TX

Kapsch TrafficCom

Mark Moser, Installation and Maintenance Operations Manager, Kyle, TX

Pennsylvania Turnpike Commission

Craig Shuey, Chief Operating Officer, Harrisburg, PA

Halifax Harbour Bridges

Gord Helm, Operations Manager, Dartmouth, Nova Scotia, Canada

The Port Authority of New York & New Jersey

Louis Post, P.E., PMP, Senior Program Manager, Tunnels, Bridges and Terminals Department, New York, NY

South Jersey Transportation Authority

Stephen Dougherty, Executive Director, Hammonton, NJ

Georgia Department of Transportation

John Hibbard, P.E., Operations Division Director, Atlanta, GA

3:30pm – 4:00pm

REFRESHMENT BREAK WITH EXHIBITORS *(South Ballroom/Foyer)*

AGENDA

4:00pm – 5:30pm

BREAKOUT SESSIONS

MAINTENANCE TRACK

(North Ballroom)

Innovation and Technology in Maintenance

Around the country there are great examples of how innovative products and solutions have streamlined maintenance processes and procedures and reduced long term maintenance costs. This session will provide examples of how various agencies have implemented new and innovative products, processes and systems with a focus on benefits achieved and lessons learned. Panelists will present how toll agencies around the world have included these products and solutions as well as look at how best to adapt these innovations to our industry in the future.

MODERATOR: Kristi Van Ooyen, P.E., Engineering Program Manager, Maine Turnpike Authority, Portland, ME

LED Retrofit on the NJ Turnpike and Garden State Parkway

Robert Fischer, P.E., Chief Engineer, New Jersey Turnpike Authority, Woodbridge, NJ *and* **Anthony Bartello, P.E.**, Manager of Electrical/ITS Technologies, HNTB Corporation, Fairfield, NJ

Introduction of Innovative Rest Area Cleaning – ASFINAG's New Program on How to Optimally Serve Customers

David Kollenhofer, Road Operations & Maintenance, ASFINAG, Vienna, Austria

Performance Based Maintenance Contracting

Ryan Brown, P.E., Senior Traffic Engineering Manager, Jacobs Engineering Group/FTE, Ft. Lauderdale, FL *and* **John Easterling, P.E.**, Traffic Operations Engineer, Florida's Turnpike Enterprise, Ft. Lauderdale, FL

Criterion for a Safe, Sustainable LED Retrofit in a Challenging Environment

Michael Brereton, U.S. Tunnel Transit Sales Segment Manager, Schröder Lighting, New York, NY

Innovations in Structural Health Monitoring (SHM)

Nathan Dubbs, Ph.D., P.E., Practice Leader, Monitoring of Performance and Risk, Intelligent Infrastructure Systems, Philadelphia, PA *and* **Phillip Adams**, Bridge Manager, Burlington-Bristol Bridge & Tacony-Palmyra Bridge, Burlington County Bridge Commission, Palmyra, NJ

ROADWAY OPERATIONS TRACK

(Evangeline B/C)

Innovations in Toll Operations

AET has been around now for over a decade and while the concept is not new, the technology, operations and innovations supporting AET are changing every day. Whether you have a first generation AET system or contemplating a conversion to AET this session is for you. Panelists will showcase groundbreaking roadside solutions from a Maintenance & Roadway Operations perspective that highlight new equipment and their applications, as well as modern approaches to managing traffic during and after AET conversions and use of ITS solutions and emerging violation enforcement tools now that the gates have been removed.

MODERATOR: Scott Cooper, Vice President, National Toll Practice Consultant, HNTB Corporation, Houston, TX

Lessons Learned: MassDOT's Conversion to All-Electronic Tolling

Stephen Collins, Director of Tolling, Massachusetts Department of Transportation, Boston, MA

Rapid Alert System (RAS) Toll Enforcement

Calvin Harvey, Deputy Administrator of Incident Management, Harris County Toll Road Authority, Houston, TX

Mitigating Leakage with Open Road Tolling and Declining Transponder Penetration Rates

Jason Schmer, Chief Strategy Officer, Gila LLC d/b/a Municipal Services Bureau, Austin, TX

6:30pm – 9:30pm

EVENING EVENT – HOUSE OF BLUES: 225 DECATUR STREET

3 blocks from the hotel. Meet in the hotel lobby at 6:20pm to walk over together.

TUESDAY MAY 23, 2017

7:00am – 3:00pm

REGISTRATION

(Grand Ballroom Foyer)

7:00am – 8:30am

BREAKFAST WITH EXHIBITORS

(for all registered attendees)

(South Ballroom/Foyer)

8:30am – 10:00am

GENERAL SESSION

CONNECTED VEHICLES – IMPACTS ON OUR INFRASTRUCTURE AND ROADWAY OPERATIONS

(North Ballroom)

The future is accelerating toward us at an ever-increasing speed. Technology that once seemed only a science fiction storyboard is imminent. Driverless Vehicles, Automated Vehicles, Connected Vehicles all once thought of as light years away are now roaming our roadways. This session will focus on the potential impacts of these new CV technologies on the toll industry and how will they affect the operation and maintenance of our toll roads, bridges and tunnels. Our panel of CV experts will identify and discuss the top issues facing the toll industry.

MODERATOR: Martin Stone, Ph.D., AICP, Chief Operating Officer, Business Development, Egis Projects, Tampa, FL

Jim Wilson, PMP, Senior Vice President, Regional Manager TransCore, LP, Orlando, FL

Bob Edelstein, Vice President, AECOM, Pompano Beach, FL

Suzanne Murtha, Project Director, Atkins N.A., Alexandria, VA

David Raines, Tolls Technology Senior Specialist, RS&H, Austin, TX

Joe Averkamp, Senior Director, Conduent, Germantown, MD

10:00am – 10:30am

REFRESHMENT BREAK WITH EXHIBITORS

(South Ballroom/Foyer)

10:30am – Noon

BREAKOUT SESSIONS

MAINTENANCE TRACK

(North Ballroom)

Using Asset Management – Bridge and Tunnel Maintenance

Bridges and tunnels are significant investments in an agency's infrastructure. Structures that are not adequately maintained become a safety concern and more expensive to repair over time. This session will explore asset management strategies for managing and maintaining bridges and tunnels to maximize the performance of the assets while minimizing the life cycle costs. Strategies may be simple or complex, for transportation systems small or large, but all efficiently manage valuable information essential for evaluating bridges and tunnels and assist the owner in decision-making for planning and management of the entire infrastructure network.

MODERATOR: **Chris Warren**, Director of Operations, HDR | ICA, Orlando, FL

Life Cycle Asset Management Strategy for Impact Attenuators

David Kraft, AEM Program Director, *and* **Christian Quashie**, Senior Maintenance Planner, MTA Bridges and Tunnels, New York, NY

Integrated Asset Management

Bridget Malinowski, P.E., Deputy Project Manager, AECOM, Chicago, IL

How is Bridge Inspection Used with Maintenance Activities to Make it More Efficient?

Wayne Francisco, Office Manager, GHD Inc., Charlotte, NC *and* **Mildred Chua**, Vice President and CFO, MTA Bridges and Tunnels, New York, NY

Quantifying the Return on Investment of Alternative Long-Term Bridge Preservation Strategies?

Abhishek Bhargava, Solution Architect, AgileAssets, Austin, TX

ROADWAY OPERATIONS TRACK

(Evangeline B/C)

Active Traffic Management

Infrastructure in the United States is at a critical point where there is limited funding to do vast expansion projects and there is uncertainty about the need for more capacity with emerging technologies. Toll agencies are not immune to this dilemma. Many agencies are turning to Transportation Systems Management & Operations (TSMO) to maximize what already exists or to minimize the improvements required to meet the current capacity needs. As part of TSMO, toll agencies have taken measures to manage traffic through Active Traffic Management and Time of Day or Dynamic pricing. Couple these efforts that are being utilized now with the look into the future that includes Smart Cities and Communities, Highly Automated Vehicles, and Connected Vehicles, toll agencies need to identify a plan and act rather than react to changing conditions.

MODERATOR: **Eric Hemphill**, Director of System and Incident Management, North Texas Tollway Authority, Plano, TX

Smart Traffic Management System

Lara Moura, Head of Research and Innovation, Brisa Innovation and Technology, Porto Salvo, Portugal

The Past, Present and Future of Incident and Active Traffic Management on the Ohio Turnpike

Chris Matta, Maintenance Engineer, Ohio Turnpike and Infrastructure Commission, Berea, OH

Noon – 1:00pm

LUNCH WITH EXHIBITORS

(South Ballroom/Foyer)

(for all registered attendees)

1:00pm – 1:30pm

GENERAL SESSION

AASHTO'S "MANUAL FOR ASSESSING SAFETY HARDWARE"

(North Ballroom)

Dean Alberson, Texas Transportation Institute, College Station, TX

1:30pm – 3:00pm

GENERAL SESSION

DRONES – FROM CRITICAL INFRASTRUCTURE INSPECTION TO SURVEYS, ASSESSMENTS AND INCIDENT MANAGEMENT

(North Ballroom)

Since the Federal Aviation Administration (FAA) published rules and regulations regarding the operation and use of Unmanned Aerial Vehicles or Drones, there have been increasing discussions regarding their application in a multitude of areas such as wildlife surveys and drainage assessments, to Incident Management and Haz-Mat surveillance. Bridge inspections, as we heard from MnDOT at last year's conference is a prime candidate, and MnDOT plans to perform LIDAR data capture of a bridge structure this year.

MODERATOR: **John Benda**, Senior Technology Project Manager, HNTB Corporation, Chicago, IL

Drones Save Time & Money in RITBA's Inspection Program

Eric Offenber, P.E., LEED AP, Director of Engineering, Rhode Island Turnpike and Bridge Authority, Jamestown, RI *and* **Matthew Sullivan**, Project Engineer, WSP, Charlton, MA

Drones Support Operations and Maintenance – A Service Provider's Perspective

Joshua Barnett, Co-Founder & President, Drone Dispatch, Austin, TX

Drone Uses LiDAR to Document MnDOT's Historic 3rd Avenue Bridge

Adam Horn, Senior Geospacial Technology Engineer *and* **Jeff Siegel**, Vice President, Technology Solutions Center Director, HNTB Corporation, Kansas City, MO

PA Turnpike's UAS Program for Improved Traffic Operations

Timothy Scanlon, P.E., Director of Traffic Engineering and Operations, Pennsylvania Turnpike Commission *and* **Mike Davidson, P.E.**, Project Manager, RK&K, Harrisburg, PA

3:00pm

WRAP-UP AND ADJOURN