

Maintenance & Roadway Operations Workshop

Customers & Collaboration

JERSEY CITY, NJ

April 6-8, 2014

Hosted by

THE PORT AUTHORITY
OF NY & NJ



PROGRAM

International Bridge, Tunnel and Turnpike Association

Maintenance & Roadway Operations Workshop

Customers & Collaboration

Welcome to Jersey City! We are certain that IBTTA's 2014 *Maintenance & Roadway Operations Workshop* will offer you the opportunity to get up to speed on the latest tools, techniques, technologies, and challenges in routine operations and emergency management. We have two full days of sessions that are sure to offer cutting-edge insights on:

- How to stay one step ahead of extreme weather events
- Latest advances in worker and work zone safety and in traffic incident management
- State-of-the-art innovations in signals, lighting and pavement technologies
- Latest techniques in rehabilitating and maintaining bridges
- New developments in asset management practices
- Year-round strategies for safety, security and enforcement
- Green innovations in fuels and materials, and in rating civil engineering projects.

As always, you'll have plenty of time to connect with colleagues and share ideas on issues that might suddenly show up at the top of your agenda in the days or weeks after you get home.

EVENING EVENT

Liberty House at Liberty State Park

Monday, April 7, 2014

6:30pm – 10:00pm

Fee: included in registration fee

- Tickets will be available on-site for non-registered attendees.
- Bus transportation will be provided.
- Dress is business casual.

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TOURS & SERVICE PROJECT

SPECIAL TOUR

One World Trade Center

Saturday, April 5, 2014

1:30pm – 4:30pm

Fee: \$50.00 (includes transportation and entrance to the WTC Memorials).

- Tour is open to registered delegates.
- Limited space.
- Meet in the hotel lower lobby at 1:00pm.

SERVICE PROJECT

Manasquan Elementary School: Post-Sandy Clean-Up and Refurbishment

Sunday, April 6, 2014

9:00am – 4:00pm

Fee: Free-will donation

Goal: \$7,000 to cover costs of all materials and basketball court.

Make your tax deductible contribution payable to the IBTTA Foundation.

- Meet in the hotel lower lobby at 8:45am.

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TECHNICAL TOUR

Bayonne Bridge "Raising the Roadway" Tour

Sunday, April 6, 2014

9:00am – Noon

Fee: \$30.00 per person

- Tour is open to registered delegates.
- Meet in the hotel lower lobby at 8:45am.

MEETING PLANNING GROUP



Chief Meeting Organizer

Dan Castrigano
Greenman-Pedersen, Inc.

Team Leaders

MAINTENANCE TRACK

Dan Castrigano
Greenman-Pedersen, Inc.

ROAD OPERATIONS TRACK

Jim Wilson
TransCore, Inc.

John Becker
HNTB Corporation

Duane Buchko
AECOM

Mario Cecchi
Parsons Brinckerhoff, Inc.

Eric Hemphill
North Texas Tollway
Authority

Bob LaGatta
Atkins N.A.

James Laurita
Gannett Fleming

Charlie McManus
Stantec Consulting
Services Inc.

Peter Merfeld
Maine Turnpike Authority

Tyler Milligan
Milligan Partners LLC

George Nyikita
Pennoni Associates Inc.

Richard Raczynski
Richard Raczynski
Consulting

Cheryl Rogers
Computer Aid, Inc.

Bob Reardon
Tampa-Hillsborough
Expressway Authority

Maurizio Rotondo
AISCAT (Associazione
Italiana Società
Concessionarie Autostrade
e Trafori)

Gregory Stone
Maine Turnpike Authority

Raymond Szczucki
ACE USA

Brian Taddeo
Maine Turnpike Authority

Kristi Van Ooyen
Maine Turnpike Authority

Paul Wai
Florida's Turnpike
Enterprise

Chris Warren
Infrastructure Corporation
of America

Christopher Waszczuk
New Hampshire
Department of
Transportation—Bureau of
Turnpikes

FAST FACTS

LOCATION

Hyatt Regency on the Hudson
2 Exchange Place
Jersey City, NJ 07302
Phone: 800-233-1234 (toll-free)
201-469-4560 (local)



BADGES: Badges are required to gain entry into all sessions. In consideration of other attendees, please wear your name badge to all scheduled functions.

White: Delegate (Member) Blue: Companion/Guest Yellow: Media
Orange: Delegate (Non-member) Green: Exhibitor

COMPETING EVENTS: It is against IBTTA policy for other organizations to schedule events or meetings during the program.

CERTIFICATION MAINTENANCE: IBTTA will forward a certificate of attendance to all professional engineers who sign the attendance form at the IBTTA registration desk.

CONSIDERATIONS: During the meeting, please silence all cellular phones and take side conversations outside of the room.

DRESS: Business or business casual is encouraged for all sessions.

MEDIA: Members of the media are permitted to attend sessions only and can be identified by green ribbons on their badges.

MEMBER PUBLICATIONS AND COLLATERAL: All members of IBTTA are welcome to place their publications in the registration area.

NEW ATTENDEES: First-time attendees will have an aquamarine ribbon attached to their badge. New IBTTA members will have purple ribbons. Get to know your new colleagues and help introduce them to other IBTTA members.

PRESENTATIONS: Presentations authorized for distribution will be available within two weeks following the meeting.

RECORDING OF SESSIONS: Personal recording of any session is strictly prohibited. IBTTA reserves the right to video and record sessions for future repurposing.

REGISTRATION FEES AND EVENT TICKETS: Delegate and Speaker fees include all meals, functions and sessions. Tickets may be available to evening and other events.

SATISFACTION SURVEY: Please help IBTTA improve future meetings by completing the survey that will be emailed to you following the Conference.

SPECIAL ACCOMMODATIONS: If you need special accommodations to fully participate in IBTTA events, please notify the staff at the IBTTA registration desk.

SPONSOR INFORMATION: Please support our generous sponsors and exhibitors by reviewing the Sponsor and Exhibitor section of this program as well as the material tables in the registration area.

THEMATIC REPORT: A written thematic report, which summarizes the meeting, will be posted on IBTTA's website following the meeting.

ABOUT IBTTA

The International Bridge, Tunnel and Turnpike Association (IBTTA) is the worldwide association for the owners and operators of toll facilities and the businesses that serve them. Founded in 1932, IBTTA has members in more than 20 countries and on six continents. Through advocacy, thought leadership and education, members are implementing state-of-the-art, innovative user-based transportation financing solutions to address the critical infrastructure challenges of the 21st century.

AGENDA

SUNDAY APRIL 6, 2014

9:00am – 4:00pm

SERVICE PROJECT

Jersey Cares: Manasquan Elementary Post-Sandy Clean-Up Project

(see page 2 for details)

Meet in the lower lobby at 8:45am.

9:00am – Noon

TECHNICAL TOUR

Bayonne Bridge "Raising the Roadway" Tour

(see page 2 for details)

Meet in the lower lobby at 8:45am.

9:00am – 4:00pm

EXHIBIT SET-UP

(Hudson Exhibit Hall)

5:00pm – 6:30pm

REGISTRATION

(Hudson Foyer)

5:00pm – 6:30pm

WELCOME RECEPTION WITH EXHIBITS

(Hudson Exhibit Hall)

MONDAY APRIL 7, 2014

7:00am – 5:00pm

REGISTRATION

(Hudson Foyer)

7:00am – 8:30am

BREAKFAST WITH EXHIBITS

(Hudson Exhibit Hall)

8:30am – 9:00am

GENERAL SESSION

(Hudson Ballroom)

Opening Remarks

Patrick Jones, Executive Director & CEO, International Bridge, Tunnel & Turnpike Association, Washington, DC

Mike Heiligenstein, CEO, Central Texas Regional Mobility Authority, Austin, TX and President, IBTTA

The Honorable Steven Fulop, Mayor, Jersey City, NJ

Dan Castrigano, Chief Meeting Organizer and Vice President, Greenman-Pedersen, Inc., Berea, OH

Cedrick Fulton, Director, Tunnels, Bridges & Terminals, Port Authority of New York and New Jersey, Jersey City, NJ

Joseph Mrozek, Executive Director, New Jersey Turnpike Authority, Woodbridge, NJ

9:00am – 10:30am

GENERAL SESSION

(Hudson Ballroom)

When Extreme Weather Strikes

MODERATOR: Matthew Edelman, Executive Director, Transcom, Jersey City, NJ

Dr. Jennifer Jacobs, Director, Infrastructure and Climate Network, University of New Hampshire, Durham, NH

James Fortunato, Executive Vice President & Chief of Operations, MTA Bridges & Tunnels, Randalls Island, NY

Steve Corbin, Director of Operations, State Road & Tollway Authority, Atlanta, GA

Craig Shuey, Chief Operating Officer, Pennsylvania Turnpike Commission, Harrisburg, PA

10:30am – 11:00am

REFRESHMENT BREAK WITH EXHIBITS

(Hudson Exhibit Hall)

11:00am – 12:30pm

BREAKOUT SESSIONS

MAINTENANCE

(Harborside Ballroom)

LED Technologies: Signals and Lighting

MODERATOR: Tyler Milligan, Managing Partner, Milligan Partners, Dallas, TX

LED Art & Science

Andrew Fremier, Deputy Executive Director, Bay Area Transit Authority, Metropolitan Transportation Commission, San Francisco, CA

LED Lighting Applications for Tunnel Control

Steve Rozyckie, Assistant Director of Transportation Operations and Planning, Gannett Fleming, Inc., Harrisburg, PA

Emerging Technologies – Good and Bad Lessons Learned

Bob LaGatta, P.E., Senior Tolls Analyst, Atkins N.A., Charlotte, NC

Advancements in Solid State Lighting

John Petty, LC, IESNA, Director of Sales, Roadway & Infrastructure, Holophane, Plattsmouth, NE

AGENDA

ROADWAY OPERATIONS

(Hudson Ballroom)

Roadway Assistance: Are You Doing Your Best to Protect Your Customers?

MODERATOR: Cheryl Rogers, Vice President, National Tolls Practice, Computer Aid., Inc., Lady Lake, FL

Florida's Turnpike Road Ranger Program: Customer Service Success

John Easterling, Traffic Operations Engineer, Florida's Turnpike Enterprise, Fort Lauderdale, FL

Customer Oriented Operations: Enhancing Road Mobility

António José Azeredo, COO of Operational Coordination Center, BRISA, Lisbon, Portugal

Safely Assisting Disabled Motorists on Long Island

Jessica Polito-Tucker, HELP/Parkway Tow Administrator, Parsons Brinckerhoff, Inc. – NYSDOT/INFORM, Hauppauge, NY

Traffic Incident Management on the Ohio Turnpike

Dennis Albrecht, P.E., Assistant Chief Engineer, Ohio Turnpike & Infrastructure Commission, Berea, OH

12:30pm – 2:00pm

(Hudson Exhibit Hall)

LUNCH WITH EXHIBITS & PRESENTATION

MUTCD Update

Maurice Palumbo, Principal Planner, Golden Gate Bridge, Highway & Transportation District, San Francisco, CA

2:00pm – 3:30pm

GENERAL SESSION

(Hudson Ballroom)

Law Enforcement: A Four Seasons Approach to Safety, Security, and Enforcement

MODERATOR: Jim Wilson, Senior Vice President, Regional Manager, TransCore, Inc., Orlando, FL

Major Kevin Anderson, Commander, Airport/Seaport Division, Maryland Transportation Authority Police, Baltimore, MD

Lieutenant Michael Abline, New Jersey State Police, Trenton, NJ

Captain Richard Mazzone, New York State Thruway, Middletown, NY

Captain Patrick Kimes, District 15 Commander, Illinois State Police, Downers Grove, IL

3:30pm – 4:00pm

REFRESHMENT BREAK WITH EXHIBITS

(Hudson Exhibit Hall)

4:00pm – 5:30pm

BREAKOUT SESSIONS

MAINTENANCE

(Harborside Ballroom)

Innovative Bridge Rehabilitation & Maintenance

MODERATOR: Tony Yacobucci, Chief Engineer, Ohio Turnpike & Infrastructure Commission, Berea, OH

Bayonne Bridge "Raising the Road" Project

Dennis Stabile, Program Manager, Bayonne Bridge Navigational Clearance Program and **Ronald Gumann, P.E.**, Engineer of Construction, Bayonne Bridge Navigational Clearance Program, Port Authority of New York & New Jersey, Jersey City, NJ

Replacing the Deck of the Newark Bay Bridge

Shawn Kelly, P.E., Vice President, Senior Associate, Ammann & Whitney, Jersey City, NJ

Construction Photo Documentation of \$300 Million Design-Build Bridge Project

Perry Nutter, Senior Vice President, Greenman-Pedersen, Inc., Annapolis Junction, MD

ROADWAY OPERATIONS

(Hudson Ballroom)

Innovations and Advancements in Worker and Work Zone Safety

MODERATOR: Mark Pavageau, Assistant Director of Maintenance, North Texas Tollway Authority, Plano, TX

Efforts to Improve Work Zone Safety During I-35 Reconstruction

Jerry Ullman, Ph.D, P.E., Senior Research Engineer, Texas A&M Transportation Institute, College Station, TX

Best Practices in Work Zone Safety

Jim Conroy, Regional Safety Manager, DBi Services, Inc., Kissimmee, FL

6:30pm – 10:00pm

EVENING EVENT – LIBERTY HOUSE AT LIBERTY STATE PARK

(see page 2 for details)

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TUESDAY APRIL 8, 2014

7:00am – 4:00pm

REGISTRATION

(Hudson Foyer)

7:00am – 8:30am

BREAKFAST WITH EXHIBITS

(Hudson Exhibit Hall)

AGENDA

8:30am – 9:45am

GENERAL SESSION

(Hudson Ballroom)

A Green Revolution: Sorting Through the Options for Fuels, Materials...and Everything Else

MODERATOR: Rob Horr, Executive Director, Thousand Island Bridge Authority, Alexandria Bay, NY

Galvanized Steel for Bridge Preservation

Kevin Irving, Marketing Manager, Northern Operations, AZZ Galvanizing Services, Joliet, IL

Maintenance Free and Green-Solar Powered Roadside Communications

Ed Mulka, Principal, JAFA Technologies, Mt. Laurel, NJ

Solar Energy: Powering Transportation Technology in the 21st Century

Walt Arnason, Manager of Operations, E-470 Public Highway Authority, Aurora, CO

9:45am – 11:15am

GENERAL SESSION

(Hudson Ballroom)

MetLife Stadium: A Look Back at the Big Game

MODERATOR: Dhanesh (Dennis) Motiani, Assistant Commissioner, Transportation Systems Management, New Jersey Department of Transportation, Trenton, NJ

Acting Captain Frank Manghisi, New Jersey State Police, Field Operations Section, Trenton, NJ

John O'Hern, Chief Operating Officer & Deputy Executive Director, New Jersey Turnpike Authority, Woodbridge, NJ

Rich Shaw, Assistant Commissioner, Operations, New Jersey Department of Transportation, Trenton, NJ

Mark Muriello, Assistant Director, Tunnels, Bridges & Terminals, The Port Authority of New York & New Jersey, Jersey City, NJ

Brad Mayne, President & CEO, MetLife Stadium, East Rutherford, NJ

11:15am – 11:30am

REFRESHMENT BREAK WITH EXHIBITS

(Hudson Exhibit Hall)

11:30am – 1:00pm

BREAKOUT SESSIONS

MAINTENANCE

(Harborside Ballroom)

Pavement Technologies: Taking the Bump Out of the Ride

MODERATOR: Bob LaGatta, P.E., Senior Tolls Analyst, Atkins N.A., Charlotte, NC

Pavement Forensics

Dr. Cherif Amer-Yahia, Director, NDE & Technology Division, Resource International, Columbus, OH

Innovations in Pavement Rehabilitation at the Illinois Tollway

Curt Beckemeyer, P.E., Senior Vice President, Applied Research Associates, Champaign, IL

ROADWAY OPERATIONS

(Hudson Ballroom)

Minimizing the Mess: Best Practices in Traffic Incident Management

MODERATOR: Greg Stone, Director of Highway Safety & Communications, Maine Turnpike Authority, Portland, ME

Forewarned is Forearmed: Predicting Construction Related Traffic Conditions

Mark Yedlin, Director of Simulating Modeling Services, Greenman-Pedersen, Inc., Jamaica, NY

Florida's Turnpike Roadway Assistance Program

Maria Connolly, Turnpike Maintenance Engineer, Florida's Turnpike Enterprise, Orlando, FL and **John Easterling**, Traffic Operations Engineer, Florida's Turnpike Enterprise, Fort Lauderdale, FL

Alvin Marquess, Senior ITS Specialist, Jacobs Engineering, Baltimore, MD

Traffic Incident Management: Improving Revenue Through Effective Management

Eric Rensel, Vice President, Gannett Fleming Management Services, Harrisburg, PA and **Kimberly Vasconez**, Team Leader, Emergency Transportation Operations, FHWA, U.S. Department of Transportation, Washington, DC

1:00pm – 2:30pm

LUNCH WITH EXHIBITS & PRESENTATION

(Hudson Exhibit Hall)

ENVISION: A Sustainability Rating System for Civil Engineering Projects

Tony Puntin, Project Manager, CCM Division, The Louis Berger Group, Manchester, NH

2:30pm – 4:00pm

GENERAL SESSION

(Hudson Ballroom)

Modernizing Maintenance: The Continued Innovation of the Asset Management Industry

MODERATOR: Peter Loughlin, Executive Director, Association for the Management of Operations of Transportation Infrastructure Assets (AMOTIA), Alexandria, VA

Protecting Our Most Valuable Assets...People

Eric Hemphill, P.E., Director of Maintenance, North Texas Tollway Authority, Plano, TX

Using QA/QC as a Work Needs Driver

Chris Warren, Regional Manager, Infrastructure Corporation of America, Lake City, FL

Customer Oriented Operations

Juan Toledo, P.E., Deputy Executive Director/Director of Engineering, Miami-Dade Expressway, Miami, FL

Improving Lane Availability with an Integrated TMC/O&M Approach

Chuck Henningsgaard, Senior Vice President, Jorgensen, Buckeystown, MD

Innovative Methods in Meeting Performance Measures

Robert Gorski, Executive Vice President, Global Business Development, Asset Management, DBi Services, Inc., Hazelton, PA

4:00pm

WRAP-UP & ADJOURN

EXHIBITORS



Pavemend Rapid, Permanent Concrete and Asphalt repair products are quickly becoming the choice for Turnpike, State DOT Bridge Crews and discriminating engineers who value superior permanent repairs and reduced traffic disruptions.

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Resource International, Inc. (Rii) is a broad-based, multi-disciplined professional engineering consulting firm specializing in construction management, information technology and planning and design of building and infrastructure projects valued in excess of \$1 billion annually.

This family-run business has evolved over the years to assist public and private clients in finding optimum solutions to improve their environment and infrastructure. Our specialized equipment, technology and resources offer the best solutions.

Companywide, Rii has a vast pool of employees engaged in transportation planning, design, and construction services. Rii's Corporate Office is located in Columbus, Ohio, with full-service branch offices in Cleveland and Cincinnati, Ohio; Pittsburgh, Pennsylvania; and Indianapolis, Indiana. www.resourceinternational.com



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SPONSORS

EVENING EVENT



Greenman-Pedersen, Inc. (GPI) is a consulting engineering and construction management firm that specializes in the innovative development, design and construction of infrastructure projects. Originally founded by A. Beecher Greenman and Herbert M. Pedersen, GPI has grown to a consulting firm included among ENR's top 100 national design firms.

GPI provides services to a wide variety of government agencies, toll authorities, institutions, and developers. We attribute our long-lasting relationships with our clients to the talented, responsive, service-oriented professionals employed throughout the GPI organization. It is our people that set us apart from other consultants and is what truly makes this company unique. www.gpinet.com

SERVICE PROJECT



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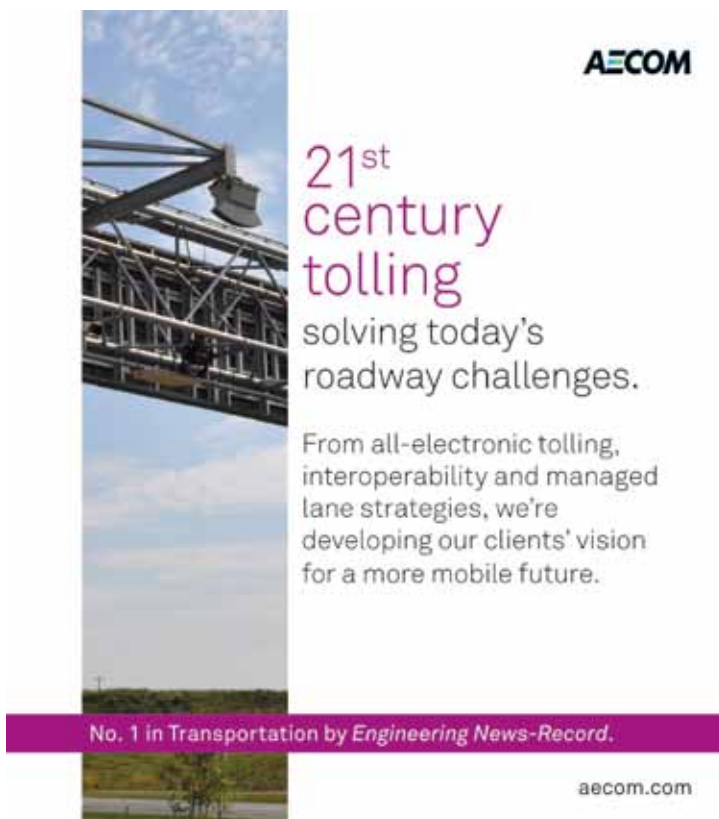
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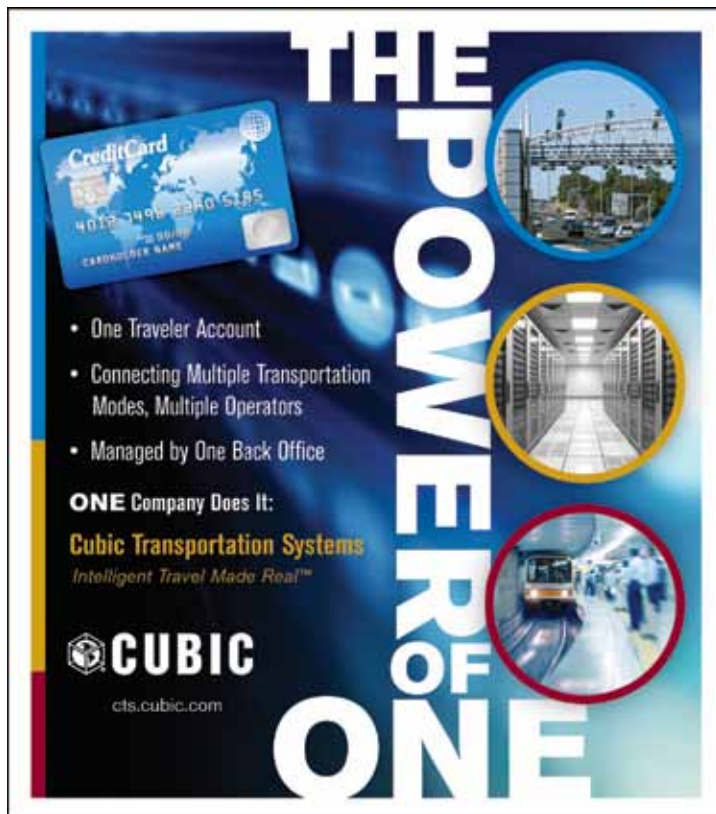
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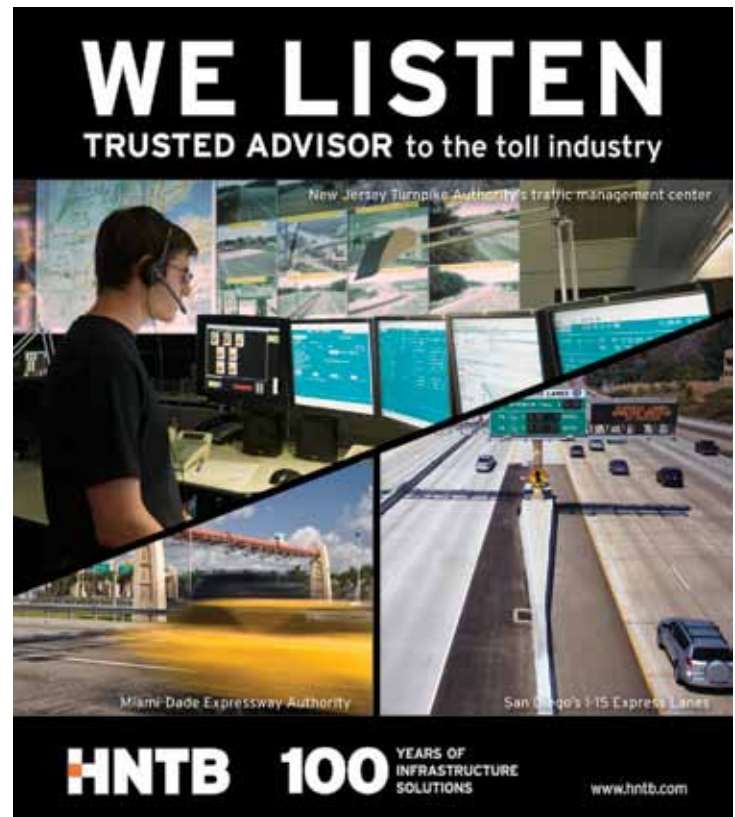
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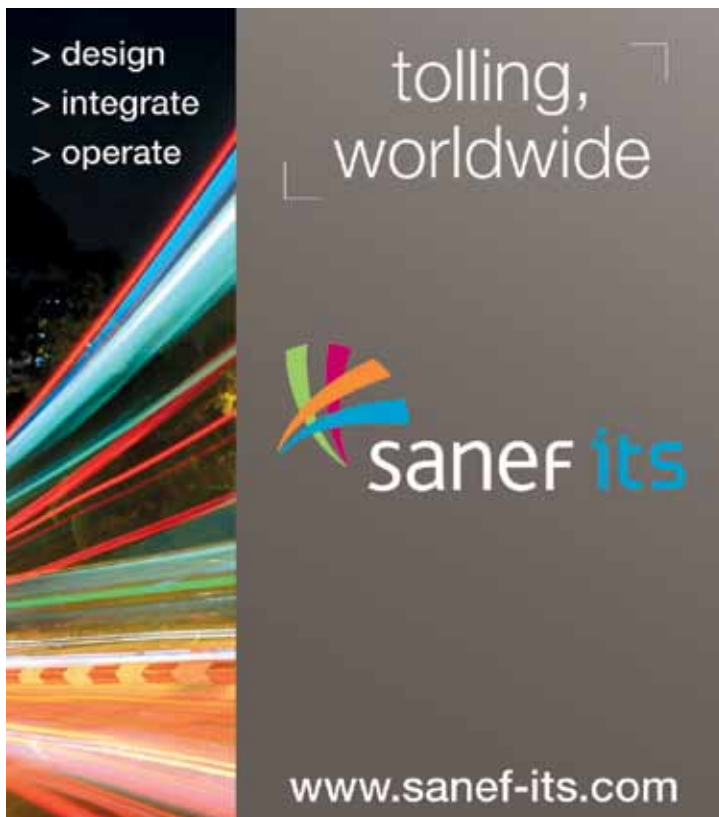



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IBTTA EVENTS CALENDAR

JULY

**2015 Conference Planning
Meeting**

July 18-19, 2014 | San Diego, CA
Hilton San Diego Bayfront

**Summit on All-Electronic-
Tolling, Managed Lanes &
Interoperability**

July 20-22, 2014 | San Diego, CA
Hilton San Diego Bayfront

SEPTEMBER

Board & Committee Meetings

September 11-13, 2014 | Austin, TX
Hilton Austin

**82nd Annual Meeting &
Exhibition**

September 14-17, 2014 | Austin, TX
Hilton Austin

OCTOBER

Global Technology Workshop

October 19-21, 2014
Prague, Czech Republic | Prague Marriott

2015

**83rd Annual Meeting &
Exhibition**

September 10-16, 2015
Dublin, Ireland

www.IBTTA.org/events