

JULY 28-30, 2024



FORT MYERS, FL

Maintenance, Engineering & Roadway Operations Workshop



HOSTED BY



JACKSONVILLE
TRANSPORTATION
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TAMPA HILLSBOROUGH
EXPRESSWAY
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Welcome to Fort Myers



Welcome to the 2024 Maintenance, Engineering & Roadway Operations Workshop!

It is my great honor to join you here in Fort Myers for a meeting focused on the tools and techniques that make our facilities safer, more efficient, and more sustainable. Our Chief Meeting Organizers, Kristi Van Ooyen, Maine Turnpike Authority and Larry Bankert, Kimley-Horn and Associates, together with the meeting planning group and all our Florida toll agency members, have created an outstanding program. I want to express my thanks to them and to all the Platinum sponsors and exhibitors for their invaluable support.

I'm especially fond of this workshop because it takes us back to our roots and is geared towards the professionals in our global industry who roll up their sleeves every day to get the job done. This meeting comes at an important moment as we focus on supporting the agencies and community that were devastated by Hurricane Ian and the resiliency plans they put in place. To continue that great work, our annual service project will support the efforts of the Ft. Myers Community Cooperative whose mission is to eliminate hunger and homelessness in southwest Florida. We're also here to extend the reach of our Global Road Safety Campaign by supporting and recognizing roadway workers and our global "Heroes of the Highway."

I encourage you to take full advantage of the opportunities before you. Engage with fellow attendees and enjoy the chance to be part of something meaningful. Let's work together towards safer, smarter, and more sustainable infrastructure for generations to come. Finally, let's harness our collective expertise and creativity as we continue on the path of our 2024 theme "Advancing Global Tolling Solutions."

Warm regards,

A blue ink handwritten signature of Bill M. Halkias.

Bill M. Halkias, PE, F.ASCE, F.ITE

IBTTA President

President Emeritus

HELLASTRON (Hellenic Association of Toll Roads Network)

Athens, Greece

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 20 countries 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. www.ibtta.org



Hotel Information

Luminary Hotel
200 Edwards Drive
Fort Myers, FL 33901
Phone: +1 (239) 314-3800

Event FAQs

BADGES: Badges are required to gain entry into all sessions, meal functions and events.

CERTIFICATION/PROFESSIONAL DEVELOPMENT HOURS: IBTTA recognizes the need for professional engineers and planning professionals to demonstrate continuing professional competency in their respective fields by earning certification maintenance (CM) credit or professional development units (PDU). IBTTA will provide interested attendees with a certificate of attendance following the conference.

CODE OF CONDUCT: IBTTA is committed to the principles of diversity, inclusion, integrity, civility, and respect in all of our activities. View the full Code of Conduct at: www.ibtta.org/conduct.

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

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

DESIGNATIONS:

Leadership Academy Alumni  This designation reflects an alum of IBTTA's Leadership Academy.

DRESS: Business or business casual is encouraged for all sessions unless otherwise noted. The Monday evening event is casual.

IBTTA APP:



Scan the QR code with your smartphone to download the IBTTA app



MEDIA: Credentialed members of the media are permitted to attend meeting sessions only, but must be registered and have a badge.

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

PRESENTATIONS AND VIDEO RECORDINGS: All sessions will be recorded unless otherwise noted. Presentations and recordings are available to IBTTA members at www.ibtta.org/past-events.

REGISTRATION FEES AND EVENT TICKETS: Delegate and Speaker fees include all meals, functions and sessions. Check with the registration desk to see if guest tickets are available for evening or other events.

SATISFACTION SURVEY: Help IBTTA improve future meetings by completing the survey that will be emailed to you following the conference.

SOLD OUT EVENTS: If you are interested in attending an event that's listed as "sold out," check with the registration desk for possible "day-of" availability.

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

SPONSOR/EXHIBITOR INFORMATION: Please support our generous sponsors and exhibitors by reviewing the Sponsor and Exhibitor section of this program and spending time in the Exhibit Hall.



Meeting Wi-Fi

Network Name: **Autograph_Conference**
Password: **IBTTA2024**

Planners & Host Agency Partners

Chief Meeting Organizers



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



Larry Bankert, P.E., PTOE
Associate
Kimley-Horn and Associates, Inc.
Dillsburg, PA

Host Agency Partners



The Central Florida Expressway Authority (CFX) was established in 2014 with an expanded mandate to build and maintain a regional transportation network that connects Brevard, Lake, Orange, Osceola and Seminole counties. CFX's role in developing a world-class regional mobility network has taken on new meaning with enabling legislation that allows CFX to incorporate multimodal corridors and intermodal facilities within its right-of-way. www.cfxway.com



The Florida Department of Transportation (FDOT) is an executive agency and directly reports to Governor Ron DeSantis. FDOT's continuing mission is to provide a safe transportation system that ensures the mobility of people and goods, enhances economic prosperity, and preserves the quality of our environment and communities. This mission is accomplished through a primary purpose to plan and develop (either directly or indirectly) Florida's robust transportation system. The unique nature of the Sunshine State and its year-round warm climate provides numerous opportunities to move people and goods through multiple modes, including highways/streets, air, rail, sea, spaceports, transit, and ever-expanding deployment of bicycle & pedestrian facilities. www.fdot.gov



Florida's Turnpike Enterprise (FTE) was formed in 2002 as a business unit of the Florida Department of Transportation (FDOT). It employs private sector business practices to operate its system of limited-access toll highways for the benefit of Florida's traveling public. While customer safety is a top priority for FTE, the enterprise also aims to pursue innovation, ensure value and quality of service to its customers, protect its investors and improve cost-effectiveness. Net revenue from Florida's Turnpike is reinvested into projects like building new highways or making improvements to existing highways on a statewide basis. www.floridasturnpike.com



The Greater Miami Expressway Agency is an independent agency governed by the state of Florida. Since 1997, GMX has operated and maintained five expressways that run within the county, the Gragny Parkway, Don Shula, Snapper Creek, Airport and Dolphin Expressways. www.gmx-way.com



LeeWay is a toll collection system for Lee County, Florida, that offers transponders and discount programs. LeeWay transponders are available for the LeeWay, SunPass, and E-Pass toll plazas at the Midpoint, Cape Coral, and Sanibel bridges. www.leegov.com/tolls



As an independent agency of the state, the Tampa Hillsborough Expressway Authority (THEA) owns, maintains, and operates four facilities within Hillsborough County: the Selmon Expressway, the Brandon Parkway, Meridian Avenue, and the Selmon Greenway. The agency is focused on driving innovation and improving mobility and safety throughout the Tampa Bay region. THEA partners with community organizations on everything from beautification to economic development to education and is committed to enhancing the community and activating urban spaces. THEA constructed the Selmon Greenway, a 1.7-mile multi-use trail that runs east-west under the Selmon Expressway through downtown Tampa and connects with the City's Riverwalk and the Meridian Trail. Along Selmon Greenway, THEA has built a series of pocket parks with landscaping, benches, and artwork that enhances downtown Tampa's esthetics, one of which is the award-winning Deputy Kotfila Memorial Dog Park. www.tampa-xway.com



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The Jacksonville Transportation Authority, an independent state agency serving Duval County, has multi-modal responsibilities. JTA designs and constructs bridges and highways and provides varied mass transit services. The system includes more than 40 bus routes and community shuttles, a 2.5 mile downtown Skyway monorail, Trolley service, Stadium Shuttles for various sporting events and paratransit services for the disabled and transit dependent. www.jtafla.com



The Transportation and Expressway Authority Membership of Florida (TEAMFL) was formed in 1997 to facilitate the exchange of information among toll agencies and the transportation industry. Its mission is to promote a financially sustainable, user-fee-based transportation model by providing a platform for sharing the latest transportation advances and best practices and encouraging inter-agency cooperation by bringing together those transportation stakeholders who share this common cause to enhance our transportation options. The membership consists of board members and executive staff of eight statewide expressways and four transit authorities, the Florida Transportation Commission and over 250 private-sector transportation partners. www.teamfl.org

Special Event

ANNUAL SERVICE PROJECT

Ft. Myers Community Cooperative

Sunday, July 28, 2024

8:30am - 4:00pm

Participation Fee: \$40.00 per person



Join your friends and colleagues for a great day of community service, rain or shine! This year IBTTA is headed to Community Cooperative in Ft. Myers, Florida, to help support their work and repair some of the damage the community sustained as a result of Hurricane Ian.

The mission of Community Cooperative is to eliminate hunger and homelessness in southwest Florida while simultaneously inspiring and supporting sustained positive change in its clients by delivering food, education, and social service programs. www.communitycooperative.com



Sponsored by:



Evening Event

EVENING EVENT

Oxbow Bar and Grill

Monday, July 29, 2024

6:30pm - 9:30pm

Across the street from the Hotel

Enjoy time with your friends and colleagues at the end of a great day! The Oxbow Bar and Grill is a stone's throw from the hotel. We'll be on the 2nd floor with a beautiful view of the Caloosahatchee River. Come enjoy a great networking opportunity with delicious food and drink in a very casual atmosphere. See you there!

OXBOW
FORT MYERS



STAY BACK

STAY FOCUS

STAY ALERT

THE LITTLE THINGS ADD UP.

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TOLLING. MOVING SMARTER.

IBTTA'S GLOBAL ROAD SAFETY INITIATIVE CONTINUES

www.besafetogether.org

Global Tolling Summit

SUMMIT HIGHLIGHTS

- Tours in Two Cities – Madrid and Seville
- Program with expert tolling professionals from around the world
- Exhibit hall space still available in Meliá Sevilla

SEPT 14-17, 2024
SEVILLE, SPAIN

www.ibttta.org/seville

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Agenda



Download the IBTTA mobile app, where you'll find descriptions of the sessions, speaker bios and more.

All meetings take place in the Caloosa Sound Convention Center, next door to the Luminary Hotel

Saturday, July 27, 2024

11:00am - 4:00pm **EXHIBITOR**

Salon A-B

EXHIBITOR "EARLY" SET UP

(this early setup is for Exhibitors who will be joining the Service Project on Sunday)

6:00pm - 7:30pm **SERVICE PROJECT ORIENTATION**

Hotel Lobby "Workshop"

SERVICE PROJECT MEETUP & BRIEFING

Sunday, July 28, 2024

3:00pm - 6:30pm **REGISTRATION**

Foyer

8:30am - 4:00pm **SERVICE PROJECT**

IBTTA FOUNDATION SERVICE PROJECT AT COMMUNITY COOPERATIVE

Meet in the hotel lobby at 8:30am to carpool.
See page 5 for details.

10:30am - 3:30pm **EXHIBITOR**

Salon A-B

EXHIBITOR SET UP

5:30pm - 7:00pm **RECEPTION**

Salon A-B

WELCOME RECEPTION WITH EXHIBITORS

Monday, July 29, 2024

7:00am - 5:30pm **REGISTRATION**

Foyer

7:00am - 8:30am **BREAKFAST**

Salon A-B

BREAKFAST WITH EXHIBITORS

8:30am - 9:15am **GENERAL SESSION**

Salon C

WELCOME REMARKS

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

Bill Halkias, PE, F. ASCE, F. ITE, President Emeritus, HELLASTRON and IBTTA President, Athens, Greece

Host Agency

Doug Callaway, Executive Director, TEAMFL, Orlando, FL

Representative from Lee County, Fort Myers, FL

Special Presentation on Resiliency

Tyler Morrissey, Director of Engineering, Luminary Hotel & Co., Ft. Myers, FL

Chief Meeting Organizers

Larry Bankert, P.E., PTOE, Associate, Kimley-Horn and Associates, Inc., Harrisburg, PA

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

9:15am - 10:45am **GENERAL SESSION**

Salon C

OPEN SPACE CONVERSATION - WHAT GETS YOU UP IN THE MORNING

Open Space is a meeting format in which the participants define the agenda and self-organize to discuss a variety of issues, joining the discussions that are most important to them. It recognizes that individuals are experts in their own interests and passions, and when given the freedom to explore and contribute, they can unlock their full potential.

Bring your ideas, interests, and enthusiasm to this session on any topic you are passionate about and would like to engage in with colleagues.

FACILITATOR: Wayne Reed, PMP, Division Manager, AtkinsRéalis, Charlotte, NC

10:45am - 11:15am **BREAK**

Salon A-B

REFRESHMENT BREAK WITH EXHIBITORS

Agenda

MONDAY, continued

11:15am - 12:45pm


BREAKOUT SESSIONS

TECHNOLOGY & SUSTAINABILITY TRACK

Salon D-E

Asset Management: It's the Sustainable Path Forward

Asset management sustains infrastructure assets to a state of good repair (SOGR). This session highlights examples of investing in existing infrastructure to extend their service life while ensuring safe transportation. Explore projects that invest in cyclical or condition-based maintenance and preservation activities, resulting in longer-lived assets in an SOGR. Join us to learn about innovative approaches to asset management that promote sustainability and cost-effectiveness.

MODERATOR:  Amitis Meshkani, P.E., Director of Maintenance, North Texas Tollway Authority, Plano, TX

Driving Predictive Maintenance and Maximizing Asset Value Using Asset Management Software

Karthek Shanmukhappa, Operations Manager, NTE Mobility Partners, LLC, Dallas, TX


New York Thruway Pavement Management System

Lax Premkumar, P.E., Group Leader, Applied Research Associates, Inc., Camp Hill, PA

Preservation of Reinforced Concrete Transportation Infrastructure

Brian Pailles, Ph.D., P.E., Principal Engineer, VCS Engineering, Inc., Tampa, FL

Resilient Highways: The Intersection of Asset Management and Durability in Highway Facilities

 John Keller, P.E., PMP, Transportation Specialist Executive, Deloitte Consulting, Warren, NJ

SAFETY TRACK

Salon C

Roadway Safety: Focus on Wrong-Way Driving Prevention

Roadway safety is one of the most important investments that transportation agencies can make. With nearly 500 fatalities attributed to wrong-way driving crashes annually, it's a pressing concern, particularly on high-speed roadways. This session will look at the crucial issue of wrong-way driving, exploring its causes and innovative corrective measures, such as way driver detection and other deterrence tools and practices. Join us to learn from agencies tackling this challenge and implementing life-saving detection technologies and practices.

MODERATOR: Nathan Mozeleski, P.E., Technical Manager - Intelligent Transportation Systems, AtkinsRéalis, Orlando, FL

Wrong-Way Prevention Efforts from Low Tech to High Tech and Things in Between

Eric Hemphill, P.E., Director of Traffic & Incident Management, North Texas Tollway Authority, Plano, TX

CFX's Wrong-Way Driving Program

Bryan Homayouni, P.E., Director of Intelligent Transportation Systems, Central Florida Expressway Authority, Orlando, FL

Wrong-Way Driving Detection Systems and Operations

Rodrigo DePaula, Associate Vice President, TransCore LP, Orlando, FL

12:45pm - 2:00pm

LUNCH

Salon A-B

LUNCH WITH EXHIBITORS

2:00pm - 3:30pm

BREAKOUT SESSIONS

TECHNOLOGY & SUSTAINABILITY TRACK

Salon D-E

Applying Analytics in Maintenance

Analytics and modeling play a significant role in many industries, including tolling. This session will showcase how big data and advanced analytics provide insights into infrastructure health and performance. This session will showcase innovative approaches and case studies that are revolutionizing traditional maintenance practices—from predictive maintenance models to real-time traffic analytics. Learn how data-driven decision-making enhances efficiency, cost savings, and safety outcomes.

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

Robert Liebowitz, US Account Manager, Route Reports, Washington, DC

Data-Driven Roadway Resilience: HCTRA's De-Icing Journey

Wendell Griffin, PMP, ENV SP, Assistant Director - Roadway Operations & Maintenance, Harris County Toll Road Authority, Houston, TX **AND** Jason Cowart, Mapping and Graphics Manager, Harris County Toll Road Authority, Houston, TX

Predictive Analytics for Proactive Road Safety and Maintenance

John Fagan, CRO, Valerann, Tampa, FL

Agenda

MONDAY, continued

SAFETY TRACK

Salon C

The Path of Totality: Use of Design in Work Zone/Worker Safety

As roadway expansions and aging infrastructure maintenance take place, it's crucial for agencies to ensure the safety of both drivers and workers. However, each work zone presents unique challenges and requires careful design and implementation. From speed reduction strategies to smart work zone devices and proactive safety campaigns, every decision counts. Join us to discover innovative approaches and best practices that emphasize work zone safety.

MODERATOR: Tim Scanlon, P.E., Senior Traffic Engineer & Business Developer, Drive Engineering, Camp Hill, PA

US41 Caloosahatchee Bridge Construction Acceleration & Smart Work Zone

Jessica White, P.E., Operations Engineer, Fort Myers Operations Center, Cape Coral, FL **AND** Steven Davis, P.E., TSM&O Program Engineer, Florida Department of Transportation, District 1, Bartow, FL

OTIC Work Zone Speed Limits and ITS Update

Daniel Rodriguez, P.E., Design and Planning Engineer, Ohio Turnpike and Infrastructure Commission, Berea, OH

Tunnel & Bridge Work Zones: Traffic Management for Safety and Mobility

Smita Sharma, Sr. Manager, Applications Engineering, Lindsay, Elkhorn, NE

Work Zone Safety Outside the Lanes

TJ Dill, P.E., Chief Engineer/Deputy Director, Oklahoma Turnpike Authority, Oklahoma City, OK

Paving the Way: Educating New Drivers on Work Zone Safety Across PA

Keith Meehan, P.E., PTOE, Senior Engineering Project Manager, Pennsylvania Turnpike Commission, Middletown, PA **AND** Leah Vene, Engineer Trainee (Environmental), Pennsylvania Turnpike Commission, Middletown, PA

3:30pm - 4:00pm

BREAK

Salon A-B

REFRESHMENT BREAK WITH EXHIBITORS

4:00pm - 5:30pm

BREAKOUT SESSIONS

TECHNOLOGY & SUSTAINABILITY TRACK

Salon D-E

Digital Delivery: Is There Really An Advantage?

As paper submissions become increasingly rare and digital processes become the norm, there's a notable lag in the evolution of engineering design and bidding standards. However, this is swiftly changing. The transition to digital plans and designs will replace bulky paper documents with easily storable and editable files, greatly enhancing the accuracy of "as-built" records. Bidding procedures are also evolving, promising greater automation in proposal submission and review, which should minimize errors. Furthermore, the integration of geographic

information systems (GIS) with planning and construction processes is creating a virtual filing system that offers an improved understanding of underground utilities, facility details, and maintenance schedules.

MODERATOR: Daniel Hesslein, P.E., Acting Chief Engineer, New Jersey Turnpike Authority, Woodbridge, NJ

Digital Transformation: ASFINAG's Approach in O&M for Budget and Performance Planning, Monitoring and Reporting of the Work Performed for Road Operation and Maintenance

David Kollenhofer, Team Leader Technical Operation Management, ASFINAG, Ansfelden, Austria

Keeping the Lights On: Automating Utility Invoice Processing with AI and Bots

Ravi Shankar, CEO, SmartDocs Inc, Newtown Square, PA

Pennsylvania Turnpike Commission Digital Delivery: Advancing Infrastructure Design

Mark Anderson, PLS, Senior Engineer Project Manager, Pennsylvania Turnpike Commission, Harrisburg, PA

SAFETY TRACK

Salon C

Incident Management Roundtable: Focus on Challenges Surrounding EVs

As electric vehicle use grows in popularity, it brings new challenges for transportation agencies—especially from an incident and infrastructure management perspective. Agencies must prepare for incidents like breakdowns and fires in addition to establishing basic charging infrastructure to planning for vehicle staging and in-lane charging, the future demands proactive strategies. Get involved with this roundtable session to explore ideas and best practices for managing EV-related incidents and infrastructure. Be eveready!

MODERATOR: Craig Shuey, Chief Operating Officer, Pennsylvania Turnpike Commission, Middletown, PA

Marc Bashoor, Fire Chief (Retired), Executive Editor, FireRescue1.com & FireChief.com, Bradenton, FL

Steven Mednis, Deputy Chief of Traffic and Incident Management, Illinois Tollway, Downers Grove, IL

David Wolfe, Director of Traffic Operations and Incident Management, Drive Engineering, Lansdale, PA

Hon. Jason Fischer, Director of Innovation, Michael Baker International, Harrisburg, PA

6:30pm - 9:30pm

EVENING EVENT

OXBOW RESTAURANT

(on the water across from the Luminary)

See Page 6 for details.

Agenda

Tuesday, July 30, 2024

7:00am - 1:00pm

REGISTRATION

Foyer

7:00am - 8:30am

BREAKFAST

Salon A-B

BREAKFAST WITH EXHIBITORS

8:30am - 9:00am

GENERAL SESSION

Salon C

A Reflection on IBTTA Foundation Service Project in Support of Community Cooperative

Janelle Olsen, CBA, Community Engagement Director, Community Cooperative, Ft. Myers, FL

9:00am - 10:30am

GENERAL SESSION

Salon C

Impacts of the New MUTCD: To Comply or Not To Comply, THAT is the Question!

In December 2020, FHWA released proposed changes to the MUTCD, prompting over 17,000 submissions and more than 100,000 individual comments. The 11th edition, released in December 2023, introduces 647 changes. Compliance is mandatory for new and existing infrastructure, with updates to the manual now scheduled every four years. How will this affect your decision-making? Join us to hear opinions, insights and strategies from agencies navigating these updates.

MODERATOR: 🎓 Shannon Bonilla, P.E., PMP, Senior Project Manager, Dewberry, Orlando, FL

Setting New Standards: The PA Turnpike's Challenge to the MUTCD

Keith Meehan, P.E., PTOE, Senior Engineering Project Manager, Pennsylvania Turnpike Commission, Middletown, PA

Behavioral Traffic Safety Messaging on Variable Message Signs

David Wolfe, Director of Traffic Operations and Incident Management, Drive Engineering, Lansdale, PA

MUTCD Section 2L, Things We Can Comply With and Things That We Can't

Terry Haukom, System Architect, Minnesota Department of Transportation, Minneapolis, MN

Florida DOT's Perspectives for Safety Messages

John Easterling, P.E., PTOE, District Traffic Operations Engineer, Florida's Turnpike Enterprise, Ft. Lauderdale, FL

James Carone, Executive Director, New Jersey Turnpike Authority, Woodbridge, NJ

10:30am - 11:00am

BREAK

Salon A-B

REFRESHMENT BREAK WITH EXHIBITORS

11:00am - 12:00pm

GENERAL SESSION

Salon C

Open Space - Part 2

This session will pick up from our Monday morning Open Space session. It's something new...stick with us!

FACILITATOR: Wayne Reed, PMP, Division Manager, AtkinsRéalis, Charlotte, NC

12:00pm - 1:00pm

LUNCH

Salon A-B

LUNCH WITH EXHIBITORS

1:00pm - 2:30pm

GENERAL SESSION

Salon C

Revvig Up Roadways: Innovations and the Latest in Major Project Delivery

This session will explore significant capital projects driving the industry. We'll explore cutting-edge approaches to project delivery, managing multiple projects efficiently, alternative delivery methods, the latest tools and technologies, risk management strategies, and fostering community engagement. Join us to learn from your peers' experiences so that you can drive progress on your roadways.

MODERATOR: Larry Bankert, P.E., PTOE, Associate, Kimley-Horn and Associates, Inc., Harrisburg, PA

Beyond Toll Roads - The Strategic Integration of Trails, Sidewalks, and Intersections

Adhara Castelblanco, P.E., Program Manager, Harris County Toll Road Authority, Houston, TX

Maryland Transportation Authority: Project Delivery - Innovation and Safety

🎓 Richard Jaramillo, Chief Operating Officer, Maryland Transportation Authority, Annapolis, MD

Central Florida Expressway Authority: Flex Lanes Program

Glenn Pressimone, P.E., Chief of Infrastructure, Central Florida Expressway Authority, Orlando, FL

2:30pm

ADJOURN

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www.a-to-be.com

accenture

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www.accenture.com/us-en/services/automotive/tolling

ARCADIS

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www.arcadis.com

AtkinsRéalis

AtkinsRéalis, a global engineering firm, serves public and private clients in planning, developing, designing, building, managing, operating and maintaining tolling infrastructure. With a team of over 4,000 US based Subject Matter Experts and over five decades of experience, we bring unmatched expertise to every project. Our clients benefit from the proven project development, innovative delivery, engineering, mobility solutions cutting-edge toll technology, resiliency/sustainability and toll audit and revenue assurance consulting expertise we bring. Having guided the majority of US toll operators serving clients worldwide, we integrate innovation across all tolling aspects, including revenue collection systems, back-office operations, express lanes, and interoperability. As a trusted partner, AtkinsRéalis leverages data insights to efficiently operate complex managed lane networks and enables smooth transitions to seamless electronic systems, empowering transportation agencies globally to deliver successful projects that drive economic growth. AtkinsRéalis is committed to engineering a better future for our planet and its people.
www.atkinsrealis.com



Bestpass is a comprehensive payment platform provider and leader in toll management solutions for commercial fleets of all shapes and sizes. We ensure data accuracy, consolidate payments, and save users time and money. Founded in 2001 by truckers for truckers, we are a trusted partner on the road and in the back office for customers and tolling authorities.
www.bestpass.com

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The tolling industry's prime tech infrastructure. www.blissway.com

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Deloitte.

Deloitte is the world's largest professional services firm, and consistently recognized as a leader across the consulting, advisory, and technology fields by Forrester, Gartner, and others as a result of the depth and breadth of our capabilities. Deloitte's transportation practice offers a suite of end-to-end consulting and managed services to help our clients navigate the increasingly complex mobility ecosystem. We serve clients in over 56 cities globally with a network of 1,500+ experienced transportation practitioners. We bring market-leading industry knowledge, superior business transformation capabilities, and deep technical expertise to turn business challenges into opportunities. Deloitte supports clients with developing strategic plans, designing governance and business models, adopting new technologies, fostering partnerships, and achieving a culture of innovation. A hallmark of our approach is our ability to bring a range of technology, enterprise, and services partners together, to offer transportation clients our award-winning holistic, end-to-end set of services and solutions. www2.deloitte.com



Emovis is Abertis' competence center specialized in the implementation of technology platforms and operation services for intelligent mobility in urban and interurban environments operating across United States, Latin America, UK, Europe and Asia. As the competence center for Abertis, a worldwide leading concessionaire, we look to bring the quality and efficiency demanded by Abertis to public sector transportation agencies. We offer state-of-the-art toll-based mobility solutions and associated services that address a multitude of challenges: Back Office Systems: Roadside Systems, Operational Back Office, Commercial Back Office; Road Usage Charging Mileage Reporting Options, Trip Building, Map Matching; Urban Mobility: Low Emission Zones, Congestion Charging and Moving Enforcement; Next Generation Customer Service: Innovation and Customer Experience. With over 40 years' experience and over 700 employees in 10 countries, we are trusted partners to Authorities and Tolling agencies across the world. www.emovis.com



For over 100 years, Gannett Fleming has shaped transportation infrastructure, connecting people and communities around the world. We provide clients with extensive transportation advisory, planning, design, and construction management services. With an eye on innovative strategies to improve systems and financial sustainability, Gannett Fleming works with clients to address today's challenges and advance future mobility. With expertise in tolling and other pricing systems, we help define, deliver and test electronic, open-road, variable and dynamic systems. Additionally, our concepts and solutions help reduce administrative burden, accelerate projects, provide a single point of responsibility, and, in some cases, achieve faster revenue collection for owners. Gannett Fleming's entire team works together to deliver excellence to every project, every day. www.gannettfleming.com

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HNTB Corporation provides more than 50 specialized services to the tolling industry, ranging from financial planning and analysis to operations and management and priced managed lanes, networks and corridors which are growing in popularity across the country. The firm has assembled a team of internationally recognized experts to help transportation agencies achieve a balance among design, technological, operational, budgetary, scheduling and aesthetic concerns — ensuring toll programs are safe, compatible and economical for the communities they serve. Services can be tailored to support all toll organizations — from start-ups to emerging and mature programs. HNTB, providing more than a century of infrastructure solutions, is proud to serve as the No. 1 consultant to toll authorities, agencies and their partners across the United States of America. www.hntb.com

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Indra is a world-leading technology company, with more than 56,000 employees in 140+ countries. In 2022 Indra earned \$4.2B in revenue and invested \$350M in R&D. Indra provides advanced mobility solutions for traffic, infrastructure, transit, railways, ports, and airports through its end-to-end Mova solution suite, the synthesis of 25 years of cutting-edge technology adoption. As a leading R&D investor, Indra brings multi-disciplinary innovation into comprehensive road usage charging (tolling, distance-based, video occupancy detection, congestion pricing and low emissions zones), multimodal back office, traffic management systems, ITS, and CAV solutions adaptive to changing customer requirements. Indra deployed its first roadside tolling system in 1997 and has since installed more than 3000 toll lanes in more than 20 countries. Our most recent delivery of an integrated all-overhead tolling, video-occupancy detection, and ITS roadside system, with C-V2X infrastructure and CAV cloud analytics and communications platform, is considered one-of-a-kind in the United States today. www.indracompany.com



IntelliRoad is a division of Kyra solutions delivering the next generation of roadway and tolling management software. We are a company focused on service and the desire to do good. Technology provides us the mechanism to build solutions that make meaningful, sustaining contributions to society while saving effort, resources, and lives. Our best-in-class solution, IntelliManage, future-proofs a government's transportation system while leveraging their existing infrastructure investments. It is a next-generation operational back-office solution that maximizes revenue recognition, improves customer service, and saves on operating costs. As experts in the tolling industry, we have a longstanding history of being more than just a solutions provider for our clients. We are their trusted partner. www.intelliroad.io

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Kapsch TrafficCom is a globally renowned provider of transportation solutions for sustainable mobility. With 130 years of experience, our proven, operational, and innovative solutions for Tolling, Traffic Management, Demand/Congestion Management, Mobile Tolling, Road User Charging and Connected Vehicles enable us to deliver modern, market-focused technologies able to contribute to a healthier world without traffic congestion. Kapsch covers the entire value chain of our customers from Components, D&B, Roadside and Back Office operations of these vital systems. Kapsch continually invests in the future of our industry by tackling the latest challenges posed by our customers, like deploying the first stereoscopic vehicle detection and classification system or providing more than 100 million tolling transponders all while launching a mobile tolling application with guaranteed revenue for tolling agencies. Kapsch is ready for the future of transportation revenue collection. Led from Atlanta Georgia, our team sets the standard for today's and tomorrow's tolling solutions. www.kapsch.net

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Michael Baker International is a leading provider of engineering and consulting services, including design, planning, architectural, environmental, construction and program management. The company provides its comprehensive range of services and solutions to support U.S. federal, state and municipal governments, foreign allied governments, and a wide range of commercial clients. Michael Baker understands the time constraints of toll clients, with a proven track record of providing General Consulting Engineering and Managed Lane design services by consistently delivering high-end, professional engineering and integrated management solutions. Michael Baker's experience with tollway systems, including HOV and HOT, encompasses the planning, design, and construction of new and rehabilitated tollway systems and elements, including highways, bridges, Intelligent Transportation Systems (ITS), connected and autonomous vehicles, and communication systems. www.mbakerial.com



Milligan Partners is a creative team of technologists and management consultants. We make a positive impact through teamwork and innovation. With integrity and a holistic approach to problem solving, we help our clients design solutions that improve their operations and allow them to better navigate the challenges of tomorrow. Our work focuses on the public sector and transportation services. www.milliganpartners.com

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PrePass is a leading provider of toll payment and weigh station bypass solutions for the commercial vehicle industry. We help fleets reduce toll expense by alleviating the cumbersome tasks of toll reconciliation, account management, and dispute resolution. Our system reduces toll costs by minimizing violations and fraudulent charges, while providing alerts for fraudulent activities. PrePass is trusted by over 750,000 commercial vehicles spanning 77,000 fleets. www.prepass.com



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STAR Systems International is a global leader in Automatic Vehicle Identification (AVI) Technologies. Our primary focus is to deliver top-of-the-line transponders, readers, and professional consulting services for Smart City Initiatives. Our expertise lies in a wide range of applications, including Electronic Tolling (ETC), Congestion/Road Use Charging, Electronic Vehicle Registration (EVR), Express/HOT Lane, Fleet Management, Parking, and Secure Access Control. At STAR Systems, we are driven by a customer-centric approach. Our goal is to ensure the success of our customers by leveraging our technical expertise and implementation experience. Guided by three core principles—Outstanding People, Innovative Products, and Service Excellence—we strive to advance Smart City Technologies and contribute to the long-term growth of the AVI industry. www.star-int.net



TransCore provides fully engineered transportation solutions for Tolling and Traffic Management systems. A pioneer in tolling, we provide full-scale services to 8 of 10 of the largest U.S. toll agencies and were selected to design and deploy the first Congestion Pricing System in the North America. Our flagship Infinity Digital Lane System® is a complete roadside toll collection solution, and our Integrity Back Office system combines advanced financial management software with 30 years of proven customer service excellence. We design and deploy ITS traffic management systems for agencies across North America, and currently manage more than 30,000 intersections worldwide. Additionally, since developing RFID applications for transportation in the 1980s, our RFID solutions have evolved to provide secure identification for airports, hospitals, parking garages, toll roads, and rail. www.transcore.com

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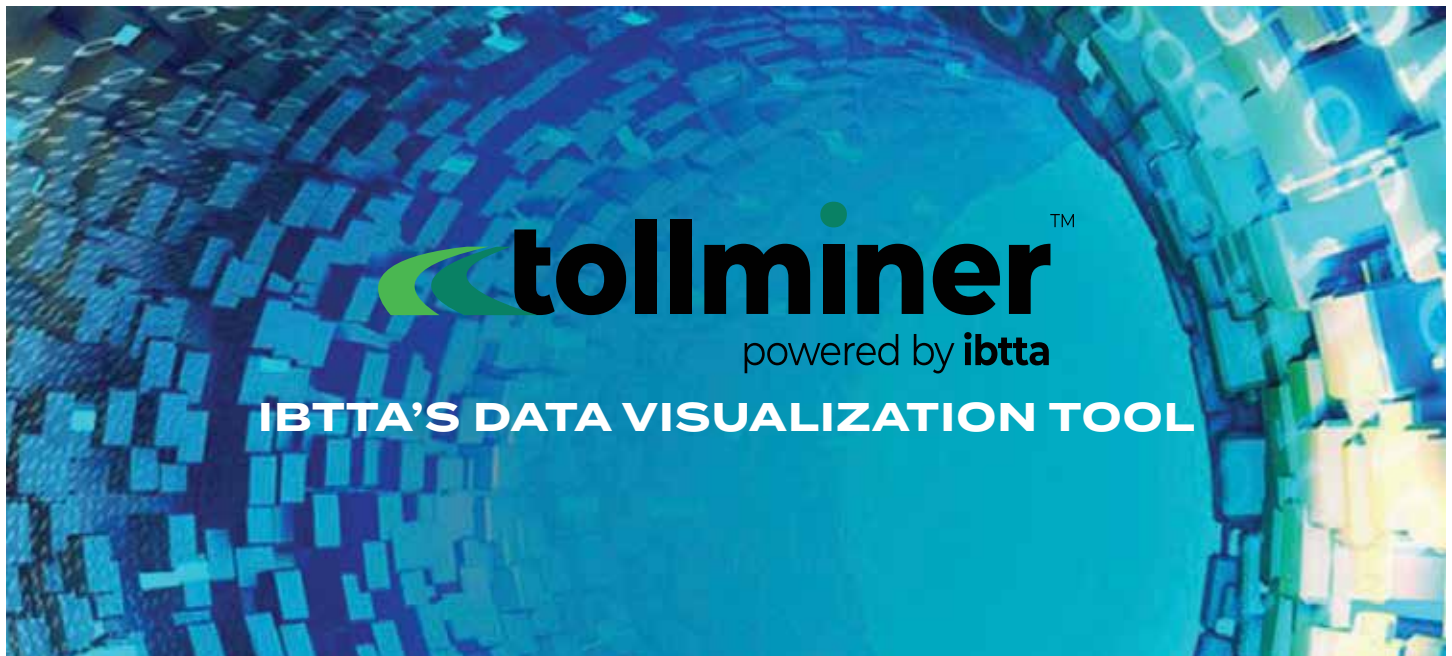
Verra Mobility serves the world's largest commercial fleets and rental car companies to manage tolling transactions and violations for millions of vehicles. A leading provider of connected systems, Verra Mobility processes millions of transactions each year through connectivity with more than 55 individual tolling authorities and more than 450 issuing authorities. Verra Mobility also fosters the development of safe cities, partnering with law enforcement agencies, transportation departments and school districts across North America operating thousands of red-light, speed, bus lane and school bus stop arm safety cameras. www.verramobility.com



ViaPlus is a global mobility company in the Intelligent Transportation Systems (ITS) market, specializing in revenue and services management solutions for the transportation industry. Our customer operations, data analytics, and full-featured single-account back office technology facilitate the high-volume transactions required for seamless multimodal mobility. As a VINCI Highways subsidiary, we are committed to technical innovation and to promoting a positive mobility experience for all. ViaPlus is the combined product of TollPlus and Cofiroute USA, which merged in April 2023. www.viaplus.com



WSP USA is the U.S. operating company of WSP, one of the world's leading engineering, environment and professional services firms. Recognized in 2023 on TIME's list of the world's best companies and Fortune's Change the World list, WSP is driving social impact and commitment to ESG. WSP in the U.S. brings together engineers, planners, technical experts, strategic advisors and construction management professionals who are dedicated to collaborate in the best interests of serving local communities. WSP designs lasting solutions in the buildings, transportation, energy, water and environment markets. With approximately 14,000 employees in 300 offices across the U.S., WSP partners with its clients to help communities prosper. www.wsp.com



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Openvia develops solutions to improve human mobility and the operations of the systems that keep us all moving. Since 2020, we have successfully deployed, and maintain, our solutions across 7 concessions in 5 countries. Our digital solution capitalizes on our experience managing transactions (BOS) and operating mobility systems (TAMS). As Globalvia's Digital Mobility Solutions Factory, Openvia develops Intelligent Transportation and Tolling solutions, both for users (B2C) and for operators (B2B).

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TrafficVision product at its core is a real time AI and HPC application that does real-time analysis of video streams on roadways to alert traffic operations centers of incidents, anomalies, and provides real-time data for future analysis. www.trafficvision.com



Valtir has been an industry leader and global supplier of highway safety products for over 50 years. Our core roadway product lines include guardrail, end terminals, cable and steel longitudinal barriers, crash cushions, truck and trailer-mounted attenuators, water-filled barricades, sign supports, and delineators. Working with industry partners and safety experts, Valtir continues to bring the next generation of innovative safety products to a dynamically changing market. Our products are specified, sold, and installed throughout North America and in more than 100 international markets. www.valtir.com



Versilis is an industry leader in Automated Roadway Access Control. The Company offers integrated access control solutions which include a variety of ITS field devices, such as advance warning signs and gates. Field devices are integrated using Versilis communication components, specifically designed for the transportation industry, to allow easy local and remote control. Since its early beginnings, Versilis has constantly innovated, striving to exceed the highest industry standards and project requirements. Thanks to extensive highway safety experience, solution ingenuity and a passionate team of specialized professionals, Versilis has become the industry reference, delivering innovative solutions across North America and beyond. www.versilis.com



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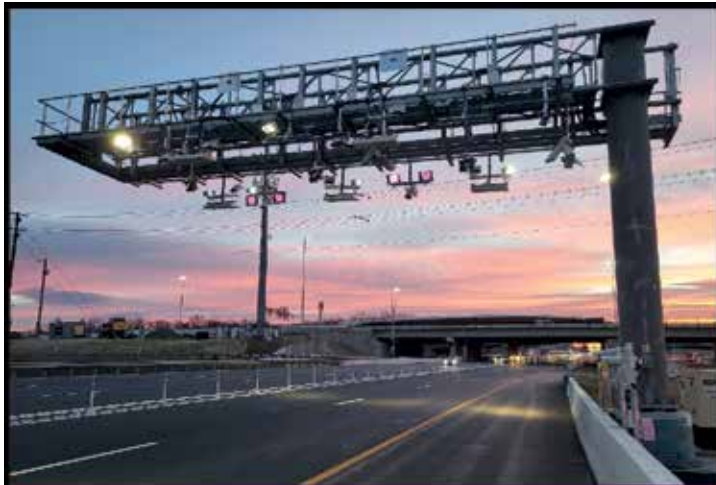
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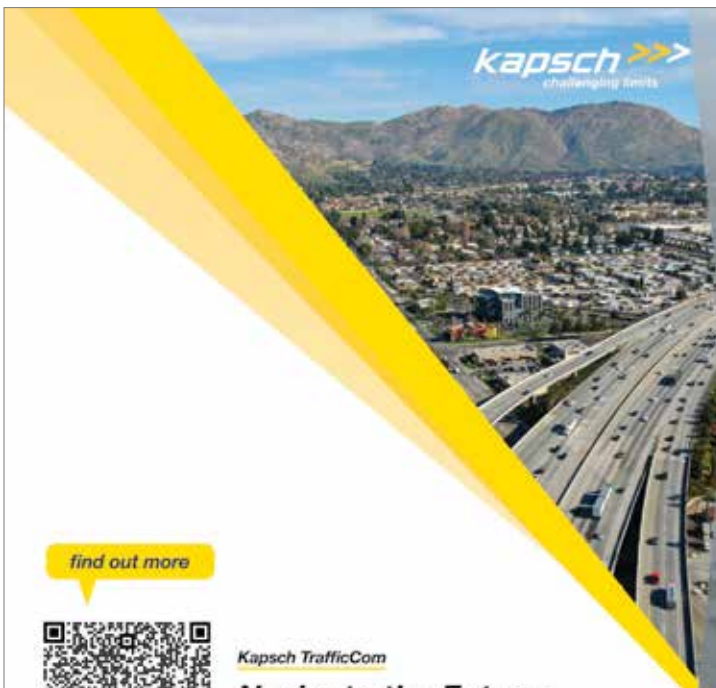
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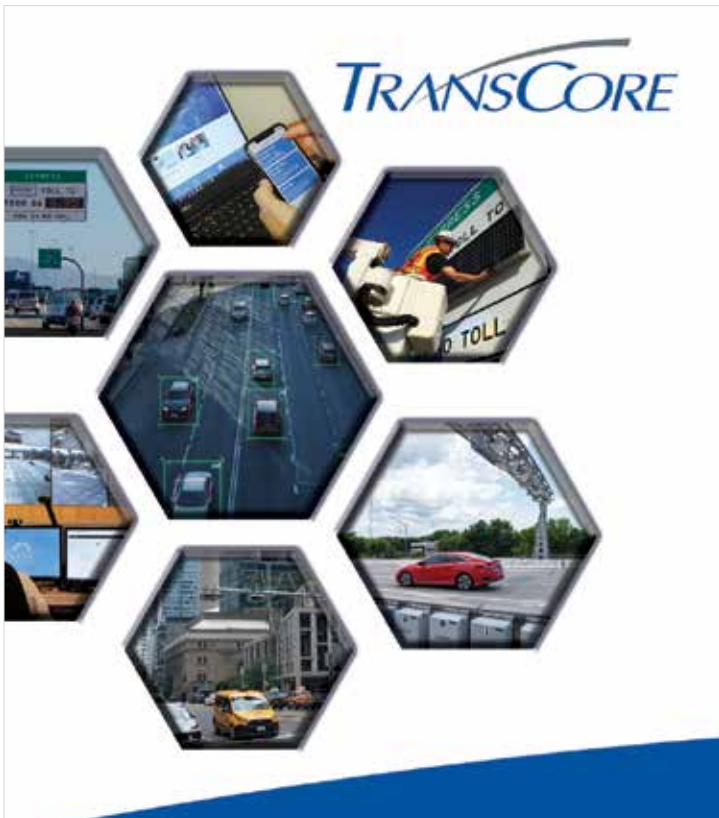


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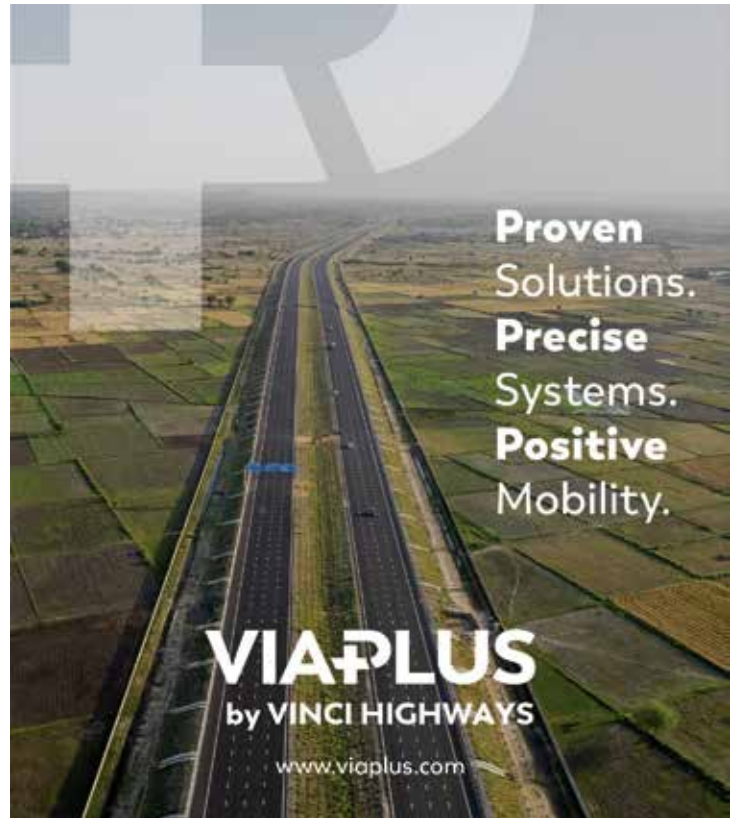


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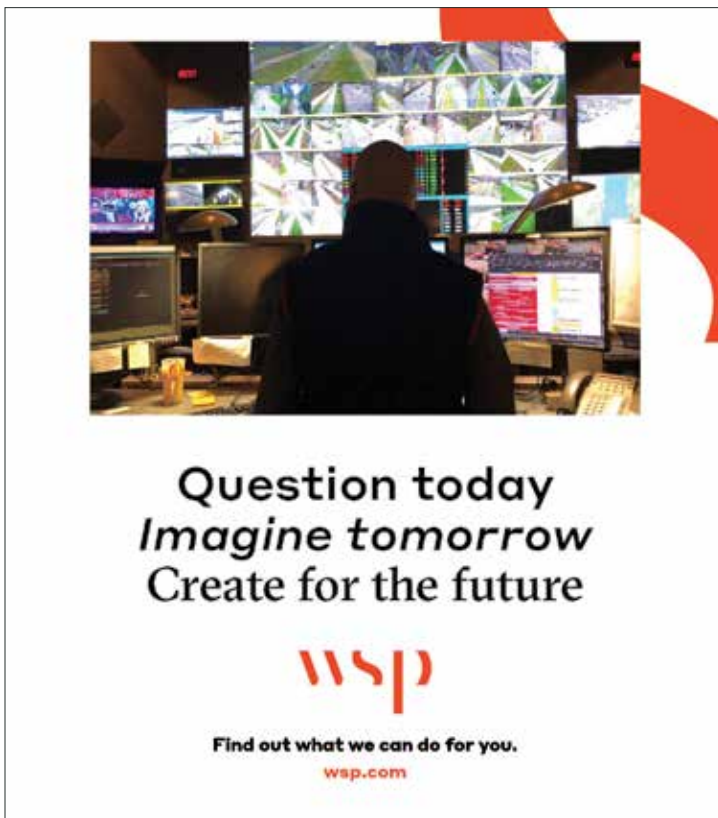
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