

2025

ITS Maryland Annual Meeting and BRTB Regional Traffic Signal Forum



November 21, 2025

Maritime Conference Center



Message from ITS Maryland



Amy Morris
T3 Design

Welcome to the 2025 joint Intelligent Transportation Society (ITS) of Maryland Annual Meeting and Baltimore Region Transportation Board (BRTB) Regional Traffic Signal Forum. This is our 30th ITS Maryland annual meeting, marking a three-decade milestone of providing a gathering place for dedicated professionals to exchange ideas, share experiences, and advance our collective work in new technologies to improve our transportation systems.

This year's annual meeting will focus on ITS, signals, and safety. Today's schedule of events will start with a keynote address from Marshall Macomber, the Chief of the Office of Innovative Finance and Delivery for MDOT. Next, our sessions include topics on work zone speed management, regional signal infrastructure, SMART intersections, an update on RITIS capabilities, queue warning systems, and SHA OTMO updates, as well as SHA traffic signals and timing processes.

The afternoon panel session is a roundtable of representatives from around the region to discuss Transportation Management Centers (TMCs) and signal operations from their agency's perspective. Between the technical sessions, we encourage you to visit our exhibitors and ask about their products, applications, and projects.

During lunch, we will conduct our annual business meeting with an overview of slate of events over the course of the year, a recap of our chapter's health, and an announcement of ITS Maryland election results. We will also announce the recipients of scholarships and other awards. Our lunchtime keynote speaker is Timothy Drake from ITS America to provide the latest ITS news from a federal perspective.

Immediately following this afternoon's panel discussion, we will close out the meeting with a raffle for prizes before heading into the hallway for a happy hour with drinks and appetizers.

Conferences like this don't just happen. They are built through months of effort, vision, and collaboration. Please join us in thanking the ITS Maryland committee members and volunteers who have helped to make this event possible, especially Pete Jenior, the 2025 Vice President of ITS Maryland and Conference Chair. A complete list of all those who have contributed their energy and time commitment to this event is included in this program.

As you participate in sessions, make new connections, and discover new ideas, I encourage you to think about how you can continue the momentum beyond this week. ITS Maryland depends on engaged members and volunteers to drive innovation, shape policy, and strengthen our professional community. If you are not yet a member, I invite you to join us. If you are, I challenge you to take the next step by serving on a committee, mentoring a younger professional, or delivering a lunch and learn presentation. We would love to receive feedback and hear from you regarding any ideas you have for our future events or ways we can better serve you in the ITS industry.

This year's Professional Development Hours (PDH) will be issued automatically to session attendees. Following the event, you will receive an email with your PDH certificate. Please note that it may take a week or two following the event to receive the e-mail with the credits. ITS Maryland is an approved provider of Continued Professional Competency (CPC) courses by the State of Maryland to help you fulfill the requirements for your Professional Engineer (PE) license, Professional Traffic Operations Engineer (PTOE) and other certifications.

Our impact grows when our members are active, informed, and connected. Together, we can continue building a thriving network that not only supports today's professionals but also paves the way for the next generation. Thank you for being here, for your passion, and for helping move our field forward. I hope you enjoy a productive, inspiring, and memorable conference.

Amy Morris

ITS Maryland President

Plenary & Lunch Speakers

Welcome Address and Lunch Business Meeting

Amy Morris

T3 Design, ITS Maryland President

Amy Morris is the current president of ITS Maryland and has served on the Board for the past five years. She is also the president and owner of T3 Design Corporation, a traffic engineering firm located in Fairfax Virginia. She has over 30 years of experience in ITS and traffic engineering projects across the DMV region. Amy graduated from George Mason University with a B.S. in Civil Engineering and is an active member in several transportation industry and engineering associations.

Morning Keynote Address

Marshall Macomber

Chief, Office of Innovative Finance and Delivery, MDOT

Marshall Macomber is Chief of the Office of Innovative Finance and Delivery at the Maryland Department of Transportation. In this role, he leads the development and procurement of complex, major projects across the Department's six modal administrations, including public-private partnerships. Under his leadership the Office is guided by six goals: to think innovatively and act quickly; to act collaboratively and in a spirit of partnership; to leverage all possible sources of finance, public and private; to get project risk right; and to achieve the best possible value for Maryland taxpayers, in the most transparent way possible.

Macomber has worked in senior roles in both government and the private sector. Prior to MDOT, Macomber was the founder and president of ThinkP3, a DC-based infrastructure consulting practice. Prior to that, he served on Capitol Hill as a longtime Chief of Staff to a senior Member of Congress. He also worked for the public affairs network C-SPAN.

Macomber is a frequent public speaker and thought leader in the infrastructure industry. He earned his MBA from Georgetown University, and an undergraduate degree in Journalism from the University of Georgia.

Exhibitor Lighting Round

Jim Lampe

Control Technologies

Jim Lampe is the Mid-Atlantic regional manager for Control Technologies Inc. and is based locally in Dulles, VA. Control Technologies was founded in 1980 in Sanford, FL and has regional offices across the USA. Jim started working in ITS in 1994 with a major focus on vehicle video detection systems. Jim spent 2 years with Econolite as the AUTOSCOPE manager for the Mid-Atlantic and over 22 years with Control Technologies. Jim's major focus has been on vehicle detection, pedestrian safety and traffic signal systems. He is a member of national and regional chapters of ITS America, ITE & IMSA. Jim is a 1993 graduate of West Virginia University.

Lunch Keynote Address

Timothy Drake

ITS America

Timothy Drake serves as ITS America's Senior Vice President for Public Policy and Government Affairs. He brings more than 12 years of experience in the private and non-profit sectors working on federal, state, and local transportation and infrastructure policy and developing and implementing comprehensive strategic plans regarding policy, legislative, regulatory, and funding priorities.

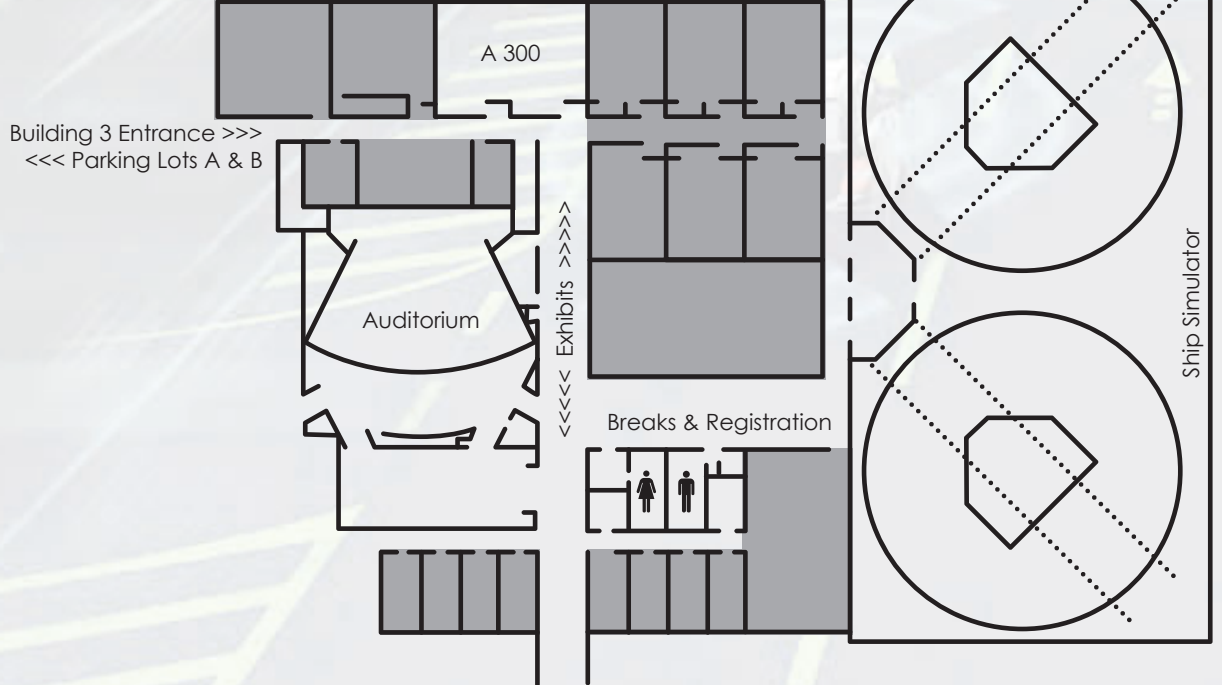
Tim is responsible for ITS America's development of policy positions on transportation and infrastructure issues including automated and connected vehicles, artificial intelligence, digital infrastructure, emerging technologies, and resiliency. He also oversees ITS America's interactions with Congress and federal agencies, including the U.S. Department of Transportation, the Federal Communications Commission, and the Department of Energy.

Prior to joining ITS America, Tim was a Public Policy Associate at Squire Patton Boggs, LLP, working on transportation and infrastructure policy and regulatory affairs.



Conference Center Map

Building 3 | First Floor



Building 4 | First Floor



Building 4 | South Tower



Schedule of Events

8:00 – 8:30	Registration, Continental Breakfast & Exhibits	
8:30 – 9:15	Welcome Address: Amy Morris, T3 Design, ITS Maryland President Keynote Address: Marshall Macomber – Chief, Office of Innovative Finance and Delivery, MDT	
9:15 – 10:15	Exhibitor Lightning Round Moderator: Jim Lampe, Control Technologies Inc.	
10:15 – 10:30	Break/Exhibits	
10:30 – 11:45	Session 1 A – ITS Innovations Room: Auditorium Moderator: Diederick VanDillen, Jacobs AASHTO Transportation Operations Manual Reno Giordano, WSP Worker Presence and Work Zone Speed Management Todd Hartnett, VERMAC Slow Down Move Over Tom Jacobs, CATT Lab and Amy Bendick, Westat	Session 1 B – Signals 1 Room: A300 Moderator: Jeff Wentz, City of Annapolis Regional Signal Infrastructure John Riehl, Mead & Hunt V2X Testbed/SMART Corridor at Morgan State University Mansoureh Jeihani, Morgan State; Anam Ardeshiri, Mead & Hunt; and Patrick Dominick, TS&T Deploying a Scalable Networked V2X Solution for Improved Safety and Mobility in Delaware Mohammad (Asad) Hoque, Blue Halo
12:00 – 1:30	Lunch/Exhibits, Business Meeting, Awards, Scholarship Awards Lunch Keynote: Timothy Drake, ITS America	
1:30 – 2:45	Session 2 A– ITS – What’s new in Maryland? Room: Auditorium Moderator: Alvin Marquess, Jacobs SHA CHART ATMS release and other OTMO Updates Rick Dye, SHA Bay Bridge Queue Detection and Prediction System Sonia Thomas, MDTA and Mark L. Franz, CATT Lab What’s New with RITIS Greg Jordan, CATT Lab	Session 2 B – Signals 2 Room: A300 Moderator: Warren Henry, SHA Update on the Change and Clearance Interval Pooled Fund Study Burak Cesme, Kittelson SHA Traffic Signal Updates Ben Myrick, SHA Signal Timing – When Old School Meets New School Woody Hood, Mead & Hunt and Justin Effinger, Mead & Hunt
2:45 – 3:00	Break/Exhibits	
3:00 – 4:15	Session 3 – Regional Roundtable - TMC and Traffic Signal Operations Room: Auditorium Moderator: Roger Boothe, WSP Panelists Rashad Rice, SHA Skye Guo, DDOT Gene Donaldson, DelDOT Kamal Suliman, CES Consulting, LLC	
4:15 – 4:30	Closing Message: Raj Sharma, SHA, Chair of BRTB Traffic Signal Subcommittee	
4:30 – 6:30	Happy Hour	



Session Descriptions

Session 1A – ITS Innovations

ITS innovations can be in the anywhere, from the field to the office. This session cover manuals, deployments of innovative technologies, and evaluations of innovative technologies. This session will start with a presentation on AASHTO's first major operations-focused document, AASHTO Transportation Operations Manual. This manual incorporates all levels of TSMO—strategic, programmatic, and tactical—and expands current TSMO practice through a more cohesive approach that helps agencies and their partners gain familiarity with generally accepted operational improvements, as well as develop appropriate future applications. Our next presenter will explore how the innovative fusion of worker presence detection and speed management technologies transform safety in work zones by reducing speed only when and where needed. In our last presentation, we'll learn about the effectiveness of the "Move Over / Slow Down" safety awareness initiative, which has been evaluated with public focus groups and a video-based "move over" compliance analyses.

Moderator: Diederick VanDillen, Jacobs is a Senior ITS manager at Jacobs with over 34 years of experience in the ITS industry primarily in the areas of advanced traffic and transit management systems. He served as president of ITS Maryland in 2013 and has been an active board member since 2006. He holds a bachelor's degree in electrical engineering from New Jersey Institute of Technology and a master's degree in engineering management from Santa Clara University.

AASHTO Transportation Operations Manual

Reno Giordano, WSP is an applied researcher and consultant in transportation systems management and operations (TSMO) and the application of advanced technologies to transportation systems. His 22 years of experience, 18 with WSP, includes transportation engineering, policy, and project and program implementation consulting at all stages of the project lifecycle. Through research and national activities, Mr. Giordano has advanced the understanding and application of agency business process and institutional arrangements that permit transportation agencies to conduct more effective TSMO activities. He has coauthored 11 chapters on strategic and programmatic TSMO topics in the AASHTO Transportation Operations Manual.

Worker Presence and Work Zone Speed Management

Todd Hartnett, VERMAC brings over 21 years of experience in the Smart Work Zone industry, specializing in business development, market creation, and distribution channel strategy. As Director of Business Development at Ver-Mac Inc., Todd plays a key role in expanding the company's market presence across North America and abroad. His expertise includes working closely with state Departments of Transportation, engineering firms, and technology partners to implement innovative traffic management solutions that enhance safety and efficiency in work zones.

Slow Down Move Over - Tom Jacobs, CATT Lab and Amy Bendick, Westat

Tom Jacobs is the Director of the Center for Advanced Transportation Technology as well as the Maryland Transportation Technology Transfer Center at the University of Maryland. Tom has been with the University since 1999 and has held the position of Director of both Centers since 2008. Prior to University of Maryland, Tom worked in various positions at Federal Highway Administration in Kentucky, Arizona, Utah, and Maryland. Overall, he has 35+ years of professional experience, all of which has been in the domain of Transportation Systems Management and Operations and Intelligent Transportation Systems.

Amy Benedick, a certified Project Management Professional (PMP) at Westat, brings nearly two decades of experience to transportation safety research, specializing in human factors.

Her commitment is to advance safety through rigorous research and practical application. She has extensive experience across diverse settings, from controlled laboratory work (driving simulators and workload studies) to real-world contexts, including on-road and closed-course studies of road user behavior. A core strength of her work is the ability to analyze safety cultures, evaluate traffic safety initiatives, and translate complex findings into actionable resources for topics such as distracted driving, occupant protection, and pedestrian safety.

Session 1B – Signals 1

Traffic signal infrastructure plays an increasingly important role in the deployment of advanced ITS and CAV strategies. This session will begin with an overview of BMC's Traffic Signal Infrastructure Assessment Pilot Program. This program will provide a methodology for agencies to identify, rate, and prioritize traffic signal maintenance needs. The next presentation will introduce Morgan State's USDOT-funded CAV testbed. The final presentation will discuss Blue Halo's deployment of a V2X solution across the state of Delaware that broadcasts signal phase and timing (SPaT) data from 430 intersections to any 5G, 4G, or LTE user.

Moderator: Jeff Wentz, City of Annapolis has nearly 45 years of experience in traffic engineering at all levels, including serving as the Maryland State Highway's Assistant District Engineer – Traffic for both District 3 (Prince George and Montgomery Counties) and District 2 (Cecil, Kent, Queen Anne's, Talbot, and Caroline Counties). He possesses an intimate knowledge of the Maryland Motor Vehicle Law and how it applies to traffic engineering. During Jeff's tenure with SHA, he worked closely with Tom Hicks, the longtime Director of the Office of Traffic and Safety, on a variety of projects including the development of many standards and guidelines.

Regional Signal Infrastructure - John Riehl, Mead & Hunt is a Project Manager at Mead & Hunt with over 40 years of experience in transportation management, traffic engineering, and real-time traffic signal operations. Before joining Mead & Hunt, John spent 35 years with Montgomery County Department of Transportation (MCDOT), where he worked from the bottom up as a Signal and TMC Technician to Operations Supervisor, ultimately serving as the Transportation Management Section Chief. In that role, John oversaw the operation of more than 1,000 traffic signals and hundreds of ITS devices integrated into the county's Advanced Traffic Management System (ATMS).

V2X Testbed/SMART Corridor at Morgan State University Mansoureh Jeihani, Morgan State; Anam Ardeshiri, Mead & Hunt; and Patrick Dominick, TS&T

Dr. Mansoureh Jeihani is a professor and the director of the National Transportation Center at Morgan State University and the Safety & Mobility Advancement Regional Transportation and Economics Research (SMARTER) Center, a USDOT Regional University Transportation Center. Dr. Jeihani has over 20 years of experience in applied research in traveler behavior, ITS/CAV, and traffic safety. Dr. Jeihani is an ITE Fellow, the chair of Maryland Attainment Report Advisory Committee; the chair of the Maryland Connected & Automated Vehicles Technical Subgroup; an executive member of the Council of University Transportation Centers (CUTC); a member of Maryland Quality Initiative (MDQI) and DC Quality Initiative (DCQI) Innovations Subcommittee, Maryland Connected & Automated Vehicles Working Group, Maryland CHART Board, National Cooperative Highway Research Program (NCHRP) Panel, and Behavioral Traffic Safety Cooperative Research Program (BTSCRCP) Panel.

Anam Ardeshiri is a department manager at Mead & Hunt, Columbia office with 18 years of research and industry experience in traffic engineering and ITS. He specializes in signal timing and phasing optimization, transit signal priority technologies, ATMS, signal communication, and V2X deployment. He is a former adjunct faculty at Morgan State University.

Patrick Dominick is the Regional Sales Manager for Traffic Systems and Technology (TS&T), covering Virginia and Washington, D.C. Since joining TS&T in 2021, Patrick has focused on delivering innovative ITS products and solutions across a wide range of technologies including detection, solar applications, dynamic message signs, vulnerable road user safety, and V2X communications.

Deploying a Scalable Networked V2X Solution for Improved Safety and Mobility in Delaware - Mohammad (Asad) Hoque, Blue Halo

received his MS and PhD in Computer Science from the University of Alabama and a second Master's degree in Transportation Engineering from the University of Tennessee. He has over 20 years of R&D experiences in academia and industry, with a focus on V2X. He is currently working at BlueHalo, an AV company, as a Senior Lead Scientist, leading projects funded by USDOT, FHWA, DelDOT, and the Department of Defense. He made significant contributions to advance the V2X connectivity of Ford vehicles. While working as a faculty member at East Tennessee State University, Dr. Hoque received the Dean's award and the Senator's award for directing the best thesis within the State of Tennessee. As a researcher, Dr. Hoque has authored/co-authored over 50 peer-reviewed articles. He served as an editor of the IEEE Intelligent Transportation Systems magazine and the journal of Vehicular Communications for more than 10 years.



Session Descriptions

Session 2A – ITS – What's new in Maryland?

This session highlights new ITS developments in Maryland. In the first session, SHA CHART will provide an update on their latest advanced traffic management system (ATMS), as well as other activities in the Office of Transportation Mobility and Operations (OTMO). Next, MDTA and the CATT Lab will present on a queue warning system that is under development for the Bay Bridge. Data will be captured by sensors and cameras, and provided to both software dashboards used by operators and predictive algorithms. The last presentation will provide updates on what is new with RITIS, including truck parking data and work zone monitoring.

Moderator: Alvin Marquess, Jacobs who formerly served as the Deputy Director of Operations for Maryland State Highway's Office of CHART and ITS Development, has 30 years experience with the state of which 22 years was spent with Traffic Incident Management and ITS initiatives. Alvin's experience with ITS and Incident Management ranges from all the operational and emergency facets of the day to day operations of the Traffic Management Centers and patrols to planning for large planned and unplanned events and emergency management strategies. Since joining Jacobs engineering in 2012 Alvin has been involved with numerous projects relating to ITS and transportation operations for various states and agencies across the country. Some of the current projects include developing and delivering customized Traffic Incident Management training, developing transportation emergency response plans, procedures and policies, Traffic Incident Management program improvements and planning for and deploying wireless communications utilizing the 4.9GHz Public Safety Spectrum and other wireless technologies.

SHA CHART ATMS Release and other OTMO Updates

Rick Dye, SHA is the Chief of the CHART Systems Division at the Maryland Department of Transportation State Highway Administration's Coordinated Highways Action Response Team. Rick's team is responsible for design, build, systems operation and maintenance of the software and network connecting a statewide Advanced Transportation Management System, Emergency Operations Reporting System and a Lane Closure Permitting System. Rick served in a similar statewide role in Colorado and for a metropolitan system in and around San Antonio Texas. Previously, Rick was an Intercontinental Ballistic Missile commander in the United States Air Force and has a Bachelor's of Science degree in Computer and Information Sciences from the Florida State University.

Bay Bridge Queue Detection and Prediction System **Sonia Thomas, MDTA and Mark L. Franz, CATT Lab**

Sonia Thomas is the ITS & Electrical Engineering Manager in the Office of Engineering and Construction at the Maryland Transportation Authority (MDTA). She leads the agency's Intelligent Transportation Systems (ITS) and Electrical Engineering Program, overseeing major initiatives in Advanced Traffic Management Systems (ATMS), Connected and Automated Vehicles (CAV), fleet electrification, and sustainable, energy-efficient lighting systems. Sonia drives technology innovation, pilot programs, and data-driven initiatives that advance the safety, mobility, and sustainability of Maryland's transportation network. She holds bachelor's and Master's degrees in Electrical and Electronics Engineering from Mahatma Gandhi University, India, and a Master's in Electrical and Computer Engineering from the University of Maryland, College Park. She is also a certified Engineer in Training (EIT) and Project Management Professional (PMP).

Mark Franz earned his BA in Physics and BS in Astronomy from the University of Florida, his MSCE from West Virginia University, and his Ph.D. in Civil and Environmental Engineering from the University of Maryland (UMD) with an emphasis on transportation engineering. Mark is the Lead Transportation Analyst and Head of the Data Science Team at the Center for Advanced Transportation Technology Laboratory (CATT Lab) at the University of Maryland, where he is developing and improving online transportation analysis tools and visualizations for public and private sector clients.

What's New with RITIS - Greg Jordan, CATT Lab

Greg Jordan, CATT Lab joined the CATT Laboratory in 2016, and today oversees the development of the RITIS Trip Analytics tool suite for understanding traveler origins, destinations, travel times, and route choices. For 25 years Greg used patrolling and hovering aircraft to monitor highway traffic flow patterns for planners and operators in cities throughout the United States.

Session 2B – Signals 2

This session will present updates in different aspects of traffic signal timing. The first presentation will present results from an ongoing, national pooled-fund study examining change and clearance interval (yellow and all-red) times. Our next presentation will provide general updates from SHA on signal timing activities. Our last presentation will discuss how traffic signal timing has evolved from manual field observations and hand-drawn time-space diagrams to a data-driven discipline powered by advanced analytics and remote technologies. The presentation will explore how traditional signal timing principles can be effectively integrated with modern tools and methodologies to optimize corridor performance in today's complex traffic environments.

Moderator: Warren Henry, SHA is the Chief of the Mobility Planning and Engineering Division (MPED) at the Maryland State Highway Administration's (SHA) Office of Transportation Mobility & Operations (OTMO). He holds a Bachelor of Science in Civil Engineering from Howard University in Washington D.C. and has over 20 years of transportation engineering and operations experience. Warren is a licensed Professional Engineer (P.E.) in Maryland and a nationally certified Professional Traffic Operations Engineer (PTOE). Prior to joining SHA, he worked for a private consulting firm for fourteen (14) years on a variety of traffic engineering and Intelligent Transportation Systems (ITS) projects. Twelve (12) of those years were spent supporting Maryland's Coordinated Highway Action Response Team (CHART) as the Planning & Development Section Chief for the Programming, Planning and Development (PPD) Division on statewide Transportation Systems Management and Operations (TSMO)/ITS Deployment, Regional ITS Architecture, Systems Engineering (SE), and ITS coordination projects with Federal, State, and local agency stakeholders. Warren is also the chair of the MD Statewide ITS Architecture Advisory Panel (IAAP) and the coordinator for the Maryland Connected and Automated Vehicles (CAV) Technical Subgroup, which supports the overall Maryland CAV Program and facilitates, identifies, investigates, and evaluates CAV technology options/deployments to promote safety and mobility throughout the region.

Update on the Change and Clearance Interval Pooled Fund Study - Burak Cesme, Kittelson is currently working for Kittelson and Associates, Inc. in Boston, MA as an Associate Engineer. Burak graduated from Northeastern University with a Master's and PhD degree in transportation engineering. He has approximately 15 years of experience working on a range of projects. His expertise includes traffic signal systems, operations of public transportation and transit preferential treatments, traffic simulation, TSMO strategies, and transportation research. In addition to working with agencies, Burak has abundant experience leading national research projects for both NCHRP and FHWA.

SHA Traffic Signal Updates – Ben Myrick, SHA has been with the Maryland State Highway Administration Office of Traffic and Safety (OOTS) since 2001. Since 2006 he has been SHA's principal traffic signal timing engineer and lead of the OOTS signal Systems Team. In this role he has been closely involved in the TSMO, the Purple Line and I-270 Ramp Metering. He also had a lead role in SHA's "Smart Signals" program which upgraded signal communications and implemented adaptive traffic signal Control (ATSC) on 22 signal systems. Recently he has been supporting SHA's VRU efforts and the transition to "big data" analytics for signals operations. Other supporting roles include safety, unconventional intersection design, incidents and special events, transit signal priority and MOT.

Signal Timing – When Old School Meets New School
Woody Hood, Mead & Hunt and Justin Effinger, Mead & Hunt

Woody Hood, TSOS, TOPS, IMSA II has 42 years of experience in the field of transportation engineering including extensive experience in the design, construction, operation, and Maintenance of Traffic (MOT) signals and other Traffic Control Devices (TCD). He served as the Deputy Director of the Maryland State Highway Administration's (SHA) Office of Traffic and Safety (OOTS), Chief of the Traffic Engineering Design Division in OOTS, and as SHA's Signal Systems Team Leader.

Justin Effinger, PE, PTOE is a seasoned traffic engineering leader with over 14 years of extensive experience in traffic signal and ITS operations. He specializes in advanced traffic signal operations, automated traffic signal performance measures (ATSPM), and integrating and enhancing various ITS technologies. His signal retiming project in Anne Arundel County won the 2024 NoCOE TSMO Award for Traffic Signals.



Session Descriptions

Session 3 – Regional Roundtable -TMC and Traffic Signal Operations

The final session of the day will be a roundtable format with staff from SHA, DeIDOT, DDOT, and a Virginia-based consultant. The panelists have decades of collective experience operating TMCs, and increasingly have aspects of traffic signal operation coming into the purview. Topics of discussion will include cybersecurity, workforce needs and how to develop the next generation of staff, artificial intelligence, and regional interoperability.

Moderator: Roger Boothe, WSP Senior Vice President, Program and Construction Management for WSP. He is a Business and Practice Builder with experience building business units “from the ground up” into multi-million-dollar enterprises. Heavy civil Design/Build and Public-Private Partnership advisory expert across a range of asset classes. Thirty years of experience in the transportation industry, with leadership roles in some of the United States' largest highway P3s, with constructed costs in the billions of dollars. Unique perspective combining private-sector and government work experience and knowledge, with emphasis on planning, programming, investment, contracts and financial management, and construction of Transportation Infrastructure, Asset Management and Intelligent Transportation Systems. Profit/Loss responsibility for project portfolios in excess of \$500 million in revenue. Expert in all elements of Public/Private project financing models and Design/Build project delivery models.

Gene Donaldson, DeIDOT is presently the TMC Operations Manager with the Delaware Department of Transportation. Gene has been with the Delaware Department of Transportation since 1997. His primary responsibility is to manage DeIDOT's transportation management program to include operation of the 24-hour statewide Transportation Management Center, planning and implementation of Delaware's intelligent transportation system, incident and event management, emergency management, and transportation homeland security. Prior to the Delaware Department of Transportation, Gene retired from the Montgomery County, Maryland Department of Public Works and Transportation after 27 years. He retired as Chief of the Transportation Management Section where he was responsible for managing the implementation and operation of one of the nation's first fully integrated advanced transportation management systems. Gene is a past President of District 2 and the Washington DC Section of the Institute of Transportation Engineers.

Panel Members

Rashad Rice, SHA first joined Maryland's SHA CHART team in 2014 as a contracted Highway Operations Technician I (HOT I) and has worked his way up through every position in Traffic Management Center (TMC) Operations. As an Operator, he has grown from a HOT I to the supervisory HOT IV position, officially becoming an employee of the State along the way in 2016. During that time, he has assisted with hiring and training numerous HOTs at various centers as well as helping to develop & implement policies and procedures for CHART's TMC Operations SOP. Prior to assuming his current position as TMC Operations Division Chief, Rashad served as one of two TMC Operations Managers. As Division Chief, Rashad oversees all TMC Operations at all three of OTMO's (Office of Transportation, Mobility, & Operations) Traffic Operations Centers as well as the Statewide Operations Center. Rashad has been involved with several roadway projects such as Baltimore's I-695 TSMO project and National Capitol Region's PML project. Additionally, Rashad has enjoyed working with OTMO's Connected & Automated Vehicles division to develop and manage their project involving Equity-Based Metrics for CAV Deployment.

Skye Guo, DDOT is an ITS Specialist at the District Department of Transportation (DDOT), with seven years of experience in digital infrastructure research. She leads DDOT's Traffic Monitoring Program and advances next-generation ATMS and Vehicle-to-Everything initiatives. Skye represents DDOT in ASSHTO Committee on Transportation System Operations (CTSO), the Eastern Transportation Coalition, Metropolitan Area Transportation Operations Coordination (MATOC), and the FMCSA Innovative Technology Deployment program. Nationally, she serves on the TRB Traffic Monitoring Committee and ITE's TSMO Council and Women in ITE Program Committee.

Kamal Suliman, CES Consulting, LLC has a diverse background in all aspects of traffic operations, quality assurance, performance management, infrastructure maintenance, contracted services procurement, work zone planning, traffic closure solutions development, project delivery, and systems integration and security. His experience includes design-build, organizational leadership, stakeholder engagement, and program management. Kamal worked in Virginia, New York City and Dubai. A few notable projects he managed include I-66 Inside the beltway Tolling and I-95 Variable Speed Limit System.

Thank You to Our Volunteers

On behalf of ITS Maryland, we would like to extend our sincere thanks to our volunteers who help organize this conference and many other events throughout the year. The hard work and dedication of these folks makes all of this possible!

Annual Meeting Coordination & Planning

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