



Roadway Management Conference | Rehoboth, DE | October 6-8, 2021

At-a-Glance Agenda

Wednesday, October 6

9:00am – 5:15pm	Registration
10:00am – 5:15pm	Vendor Area and Outdoor Displays Open <i>Lunch on Your Own</i>
12:30pm – 1:15pm	General Session: Welcome and Opening
1:15pm – 2:00pm	General Session: Selling Safety Improvements
2:00pm – 2:15pm	Vendor Pitches
2:15pm – 2:45pm	Refreshment Break
2:45pm – 3:45pm	Breakout Session 1 1A. The Art of Inspection; 1B. Safety Countermeasures; 1C. Ethics
4:00pm – 5:00pm	Breakout Session 2 2A. Inspection Specifics; 2B. Winter Operations; 2C. The Lost Art of Listening
5:30pm – 7:00pm	Reception <i>Dinner on Your Own</i>

Thursday, October 7

7:00am – 8:00am	Breakfast
7:30am – 5:00pm	Registration, Vendor Area and Outdoor Displays
Open 8:00am – 9:00am	Breakout Session 3 3A. Pipe Installation and Inspection; 3B. Roadway Safety Audits and Solutions; 3C. Presenting 101: The Art of Effective Presentations
9:15am – 10:15am	Breakout Session 4 4A. Seasonal Transitions; 4B. Paving Techniques: Alternatives to Mill and Fill; 4C. Why the Connected and Automated Vehicle Ecosystem Needs Your Input
10:15am – 10:45am	Refreshment Break
10:45am – 11:45am	Breakout Session 5 5A. Pervious Concrete & Full-Depth Reclamation; 5B. Pedestrians & Crosswalks; 5C. Experiences with Virtual Public Meetings
11:45am – 12:45pm	Lunch
12:45pm – 1:15pm	General Session: Repurposing Streets
1:15pm – 5:00pm	Demonstration Discussion and Outdoor Demonstrations <i>Dinner on Your Own</i>

Friday, October 8

7:00am – 8:00am	Breakfast
8:00am – 9:00am	General Session: Local Agency Innovations
9:15am – 10:15am	Breakout Session 6 6A. Pipe Inlet and Outlet Protection; 6B. Trench Safety; 6C. Creative Thinking
10:15am – 10:45am	Refreshment Break
10:45am – 11:30am	Hot Topics
11:30am – 12:00pm	Closing Session



<https://tinyurl.com/rmc21>



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Wednesday, October 6

Registration | 9:00am – 5:15pm | Lobby – 1st Floor

Vendor Area and Outdoor Display Areas | 10:00am – 5:15pm | 3rd Floor and Parking Lot

Lunch | *Lunch is on your own*

Welcome and Opening | 12:30pm – 1:15pm | Swan Ballroom – 3rd Floor

The Mid-Atlantic LTAP Centers are excited to once again be hosting the RMC! We'll tell you a few things to expect during the conference, how to easily navigate the conference webpage, and hear from Shante Hastings, the Deputy Secretary and Chief Engineer for DelDOT.

General Session: Selling Safety Improvements | 1:15pm – 2:00pm | Swan Ballroom – 3rd Floor

Every transportation agency wants to provide safe trips for every traveler as well as the safety of those maintaining the roads and sidewalks. John McFadden of the FHWA Resource Center will speak to methods to identify when a safety improvement is needed, how to estimate the impact it will have and most importantly, how to sell the proposed improvement to the public and to elected officials.

Speaker: *John McFadden, Engineer, FHWA Safety and Design Technical Service Team (SDTST)*

Vendor Pitches | 2:00pm – 2:15pm | Swan Ballroom – 3rd Floor

Refreshment Break | 2:15pm – 2:45pm | Sandpiper – 3rd Floor

Breakout Session 1 | 2:45pm – 3:45pm | 4th Floor

A Session in Crane | B Session in Dolphin | C Session in Sanibel

1A. The Art of Inspection – Inspection Fundamentals for Any Job

The role of an owner's inspector can vary, depending upon the policies of the agency, but it is helpful to step back and consider what the purpose of inspection is and look at some of the fundamentals that apply to any type of construction or maintenance work requiring owner oversight and inspection. In this session, the presenters will cover some of those fundamentals and provide perspectives on what good inspection can be and should be.

Speakers: *Gerhard Du Toit, Group Leader AECOM Pavement Engineering Group and Amir Arshadi, Pavement Engineer AECOM*

1B. Safety Countermeasures – We've Tried a Bunch and Some Work

Safety countermeasures, even proven ones, can work well in one location but less so in another. In this session, we will explore some countermeasures that didn't work when implemented, didn't work at first but were modified for greater success, and some that worked great out of the box. The speakers will reflect on why countermeasures have worked and not worked, including some before and after data.

Speakers: *Peter Haag, Chief of Traffic Engineering, DelDOT and Kyle Clevenger, Senior Project Engineer, Whitman, Requardt & Associates*



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1C. Ethics – Case Studies

As members of public agencies, consultants and contractors, our work is governed by ethical behavior. Treating everyone fairly, being transparent with information and being good stewards of public funds are key elements of our work life. Dr. Paul Imhoff will be leading this discussion of our ethical responsibilities and present some short ethical dilemmas that might be encountered.

Speaker: *Paul T. Imhoff, Professor, Department of Civil and Environmental Engineering at the University of Delaware*

Breakout Session 2 | 4:00pm – 5:00pm | 4th Floor

A Session in Crane | B Session in Dolphin | C Session in Sanibel

2A. Inspection Specifics – Best Practices

The presenters will examine specific construction or maintenance elements and the specific issues that typically arise, how to address problems (anticipating and avoiding them where possible), resolution techniques, documentation tips, and how to build a productive relationship with the contractor's representatives.

Speakers: *Jesse Free, Consultant Regional Construction Engineer, Greenman-Pedersen Inc.; Peter Bourne, VP of Construction Eng. and Inspection, KCI Technologies; Marx Possible, Project Manager, Greenman-Pedersen Inc.*

2B. Winter Operations

In this session the importance of providing effective winter operations to meet your motorist's expectations using the available tools to perform efficiently.

1. Winter maintenance operations- Why is it important and what are we really trying to accomplish?
2. Strategies to meet your customer's expectations without breaking your budget.
3. Educate, innovate and use the tools available through pre-wetting, anti-icing, and various chemical and agricultural materials.

Speaker: *Sam Gregory, Independent Contractor, LTAP*

2C. Resurrecting the Lost Art of Listening

As we move deeper into the digital age, with the ever-increasing number of platforms, media outlets and competing messengers that can deliver content to millions of people from a keyboard anywhere in the world with the press of a key, it should be easier than ever to reach our stakeholders with our message. Anyone who has tried to communicate information with the public, the news media, other agencies or our colleagues knows that's not the case at all. Effective communications is not about the messenger – it is really about the audience and how the message is received. We will talk about the basics of effective communications, using real-world examples to illustrate some of the concepts. Bring your own examples to add to the discussion.

Speaker: *Lou Hatter, Communications Manager, VDOT's Culpeper District*

Reception | 5:30pm – 7:00pm | Sandcrab Beach Bar – 1st Floor

Dinner | *Dinner is on Your Own*



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Thursday, October 7

Breakfast | 7:00am – 8:00am | Swan Ballroom – 3rd Floor

Registration, Vendor Area and Outdoor Display Areas | 7:30am – 5:00pm | 3rd Floor and Parking Lot

Breakout Session 3 | 8:00am – 9:00am | 4th Floor

A Session in Crane | B Session in Dolphin | C Session in Sanibel

3A. Pipe Installation and Inspection

Best practices for installation of various pipe types as well as inspection needs to confirm quality.

Speaker: *Aimee Connerton, Technical Promotions Engineer, Rinker Materials Concrete Pipe*

3B. Roadway Safety Audits and Solutions

This session will review the process for conducting Road Safety Audits on local roads in Pennsylvania. Using specific examples of completed RSA's, key items of discussion will include:

- Methods to streamline the process for local roads
- Key safety issues to review for local roads
- Applying proven low cost safety countermeasures
- The impact of a Safe Systems Approach on choices

Speaker: *Patrick Wright, Traffic Engineer, PennDOT LTAP*

3C. Presenting 101- The Art of Effective Face-to-Face and Virtual Presentations

Creating and delivering effective and engaging presentations is a necessary skill for many in public works, whether presenting to elected officials, residents, colleagues, etc. This one-hour session will provide general best practice tips for PowerPoint along with tips on communicating with your audience. We'll discuss challenges of presenting virtually and ways to still deliver an effective presentation and engage your audience.

Speaker: *Kim Carr, Program Coordinator, WV LTAP*

Breakout Session 4 | 9:15am – 10:15am | 4th Floor

A Session in Crane | B Session in Dolphin | C Session in Sanibel

4A. Seasonal Transitions

The Town of Ocean City hosts approximately 8,000,000 visitors annually with peak summer populations reaching upwards of 300,000. With an AADT of nearly 50,000 vehicles on Coastal Highway during these summer months accompanied by several high performance vehicle events, pedestrian and bicyclist safety is a serious concern. State Highway Administration (SHA) and Town of Ocean City staff have completed a number of improvements over the past 10 years that will be discussed in this presentation, including the "Walk Smart Campaign", development of an Ocean City Bicycle & Pedestrian Advisory Committee (OC BPAC), SHA Median Fence project, Complete Streets Policy, and more.

Speakers: *Paul Mauser, Engineer Manager, Town of Ocean City, Maryland and Terence McGean, City Engineer, Ocean City, Maryland*

4B. Paving Techniques: Alternatives to Mill and Fill

This session will discuss treatments to correct surface distresses in asphalt pavements. These treatments range from thin overlays to several cost-effective pavement preservation practices.

Speaker: Gary Hoffman, Director of Technical Services, Pennsylvania Asphalt Pavement Association (PAPA).

4C. Avoiding Tomorrow's Headaches: Why The Connected and Automated Vehicle Ecosystem Needs Your Input

Connected and automated vehicles (CAVs), and all their supporting infrastructure, cannot develop in a vacuum. Roadway managers' expertise and input are essential in deploying a CAV ecosystem that actually results in benefits to safety, efficiency, and accessibility. In this presentation, learn about the CAV ecosystem, where the technology is now and may be in the future, and what role roadway managers play in getting good outcomes.

Speaker: Amanda Hamm, Connected and Automated Vehicle (CAV) Program Manager, Virginia Department of Transportation's (VDOT) Office of Strategic Innovation

Refreshment Break | 10:15am – 10:45am | Sandpiper – 3rd Floor

Breakout Session 5 | 10:45am – 11:45am | 4th Floor

A Session in Crane | B Session in Dolphin | C Session in Sanibel

5A. Pervious Concrete & Full Depth Reclamation

This session will discuss the basics of Full-Depth Reclamation (FDR) and Pervious Concrete Pavements.

Speaker: Eric Ferrebee, Director of Technical Services, American Concrete Pavement Association

5B. Pedestrians and Crosswalks

This session will review the process for how to study a crosswalk and apply proven safety countermeasures. The session will include:

- Background data on pedestrian safety considerations
- Steps to study a crosswalk
- Tools to identify safety issues
- Resources to determine appropriate proven safety countermeasures

Speaker: Patrick Wright, Traffic Engineer, PennDOT LTAP

5C. Experiences with Virtual Public Meetings

Public opinion is a vital part of every transportation system improvement. Making sure the public and elected officials clearly understand what a project will and will not do, how traffic may be affected and how long the project will last are all important elements for project support and success. Even before the pandemic, agencies were evaluating having virtual public meetings. The pandemic pushed all public hearing online, with varying measures of success.

Speakers: Dan Blevins, Principal Transportation Planner, Wilmington Area Planning Council (WILMAPCO) and Mary Ellen Gray, Planning and Development Director, City of Newark



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Lunch | 11:45am – 12:45pm | Swan Ballroom – 3rd Floor

General Session: Repurposing Streets | Swan Ballroom – 3rd Floor

During the pandemic, hundreds of agencies world-wide repurposed streets for such things as open/play streets, sidewalk extensions for social distancing and pedestrian queuing space, streets for critical services (e.g., Covid testing, voting and food distribution), bike and roll lanes, pickup and delivery zones, outdoor dining and, in larger cities, exclusive transit lanes. In many cases, these actions have proven to be quite popular. Post-Covid, some of these repurposed streets will likely continue and other such streets will be implemented. With all the experience that has been gained, what lessons have been learned that can help others thinking about retaining or repurposing streets? Lieutenant Chris Daly of the West Chester (PA) Police Department will discuss some of the traffic, security and political issues faced by the Police Department in initiating an open-air dining concept and some of the lessons learned moving forward. Damien Davis, City Engineer, Morgantown, WV, will discuss issues associated with using on-street parking spaces for outdoor dining and experiences with several “healthy streets” created in residential neighborhoods.

Speakers: Damien Davis, Director of Engineering and Public Works, City of Morgantown and Lt. Christopher Daly, lieutenant, West Chester (PA) Police Department

Demonstration Discussion | 1:15pm – 1:30pm | Swan Ballroom – 3rd Floor

Demonstrations | 1:30pm – 5:00pm | Parking Lot

Dinner | *Dinner on Your Own*

Friday, October 8

Breakfast | 7:00am – 8:00am | Swan Ballroom – 3rd Floor

General Session: Local Agency Innovations | 8:00am – 9:00am | Swan Ballroom – 3rd Floor

Transportation and public works agencies are, by their very nature, innovative groups. Situations frequently arise that “the book” doesn’t have an answer for. So, the workers and supervisors must innovate. They find time savers, better ways of doing something, or design a new tool to help with the job. Jeff Zaharewicz from the FHWA Center for Accelerating Innovation will talk about the spirit of innovating and provide examples from agencies in the Mid-Atlantic region.

Speakers: Jeff Zaharewicz, Acting Director of the FHWA Center for Accelerating Innovation and Danielle Mathis-Lee, Program Manager for the Federal Highway Administration’s, Local Aid Support





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Breakout Session 6 | 9:15am – 10:15am | 4th Floor

A Session in Crane | B Session in Dolphin | C Session in Sanibel

6A. Pipe Inlet and Outlet Protection

This session will discuss some of the traditional inlet and outlet protection for culvert pipes, as well as some more innovative approaches.

Speaker: Craig Stevens, Bridge Design Engineer, DeDOT

6B. Trench Safety – Excavation Limits & Considerations

This presentation will cover trench and excavation safety requirements per OSHA 29CFR1926 guidelines. Topics covered will include excavation dangers, the role of the Competent Person, and the fundamentals of trench safety.

Speaker: Trygve Hoff, Northeast Region Engineer, American Concrete Pipe Association (ACPA)

6C. Problem Solving Through Creative Thinking

Public works departments and employees face numerous challenges on a daily basis. Often, by using creative approaches these challenges are overcome and lead to something even better. This engaging session will explore creativity and the important role that it plays in solving problems and developing innovations. We'll explore the following: What is creativity? Why is creativity important? How creative are you?

Speaker: Kim Carr, Program Coordinator, WV LTAP

Refreshment Break | 10:15am – 10:45am | Sandpiper – 3rd Floor

Hot Topics | 10:45am – 11:30am | Swan Ballroom – 3rd Floor

Closing | 11:30am – 12:00pm | Swan Ballroom – 3rd Floor



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Speaker Bios

Shante Hastings is the Deputy Secretary and Chief Engineer for DeIDOT, where she has worked since graduating from the University of Delaware in 2000 with a bachelor's degree in Civil Engineering. As Chief Engineer Shanté is responsible for implementation of the Department's \$650 million annual Capital Transportation Program delivered by her team of 450 staff statewide. She is also involved with personnel management, legislation and national transportation policy in her role as Deputy Secretary. In 2013, Shanté was awarded the Young Engineer of the Year Award by the Delaware Engineering Society in recognition of her work in the field of engineering and community service. She currently serves as the Chair of the AASHTO Innovation Initiative. Shanté also serves on the boards for Leadership Delaware, the Delaware State Fair and the Joshua M. Freeman Foundation. Shanté is very involved with Sigma Kappa Sorority, Grace United Methodist Church and the University of Delaware Alumni Club.

John McFadden serves as an engineer on the Safety and Design technical service team (SDTST) where he provides technical assistance and technology deployment of data driven analytics of highway safety investments. Prior to joining the Resource Center, he served with FHWA as the technical director of Safety Research and Development (R&D) as well as a researcher in Safety R&D. John has also worked in private consulting and the academic sector prior to joining the Federal Highway Administration in 2001. John is also a registered professional engineer in the District of Columbia, Maryland, New Jersey and Virginia. John is also a certified Professional Traffic Operations Engineering and holds a Roadway Safety Professional (RSP) Level 2 certification. John is also actively involved in various transportation engineering committees.

Gerhard Du Toit is the Group Lead for AECOM's Pavement Engineering Group with over 30 years of experience specializing in road design, rehabilitation design, materials engineering, road maintenance and upgrading programs, as well as construction management. He has served as specialist pavement materials engineer, pavement design engineer, and construction contract specialist, on projects globally, and in a capacity of specialist technical advisor to private lenders (PPP) and international donor funding agencies (MCC, USAID). Since joining AECOM, his efforts have focused on implementing pavement management systems for several USAF and ANG facilities around the USA and abroad, major commercial airports and/or airport authorities, state DOT's, Counties, and municipalities. Other recent efforts have focused on providing pavement and material design inputs to AECOM's operations both within the US as well as globally. As Group Lead for AECOM's Pavement Engineering Group, Mr. du Toit manages the operations, engineering design, and project management tasks of the pavement engineering group, and support for AECOM's US and global based operations.

Amir Arshadi is a pavement engineer with ten years of experience in transportation infrastructure industry and research. He has been involved on several projects on transportation data analysis, pavement design, construction, and management, big data mining, and software development. He serves a variety of federal, state, and commercial clients across the country by applying advanced technological solutions in monitoring, evaluation, and analysis. He is a strong technical communicator who specializes in data science, transportation asset management, pavement engineering, and project delivery. Amir has several publications in the Association of Asphalt Paving Technologists, International Society of Asphalt Pavement, and Transportation Research Board.



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Peter Haag is DelDOT's Chief of Traffic Engineering who supervises the Safety Engineering, Field Operations, Traffic Studies, Systems Design, and Support Services Sections. He started his career at DelDOT in 2006 after graduating from Widener University. He holds professional engineering licenses in both Delaware and Pennsylvania as well as a Professional Traffic Operations Engineer certification.

Kyle Clevenger is Senior Project Engineer with Whitman, Requardt & Associates and consults for DelDOT's Traffic and Project Development Sections. He started his career as a traffic engineer in 2009 after graduating from the University of Delaware. He holds professional engineering licenses in Delaware, Maryland, Virginia, and Washington D.C. as well as a Professional Traffic Operations Engineer certification.

Paul T. Imhoff is a Professor in the Department of Civil and Environmental Engineering at the University of Delaware, Newark, DE, USA. Dr. Imhoff's teaching and research interests focus on the movement of fluids and mass transfer processes in porous media, with a particular emphasis on model development and application. Dr. Imhoff's research has spanned a range of environmental problems including groundwater remediation, design of landfill cover systems to enhance oxidation of fugitive landfill gas, and more recently modification of geomedia in stormwater treatment systems to enhance pollutant removal.

Marx Possible, PE is currently a Project Manager with Greenman-Pedersen Inc. He is a registered Professional Engineer in both Delaware and Maryland. He has over sixteen years of experience working in the construction and transportation field including over twelve years with the Delaware Department of Transportation (DelDOT). During his tenure at DelDOT Mr. Possible worked as an Area Engineer for Group III Construction as well as a construction inspector and Project Resident on the Indian River Inlet Bridge project in Rehoboth, Delaware. Mr. Possible has also worked a project engineer for the Maryland Toll Authority (MDTA) on the I-895 Canton Viaduct and Baltimore Harbor Tunnel Rehabilitation project. Mr. Possible has direct working knowledge of construction contract administration procedures from both construction management and field inspection levels. Mr. Possible has been involved in many aspects of transportation construction including bridges, retaining walls, HMA and concrete roadways, utility relocations, wetland mitigation, facilities construction. He is well versed in CPM scheduling and claim analysis, construction estimate & change orders preparation/review, constructability and biddability reviews, electronic eConstruction, document control, utility relocations, Design Build quality assurance, and environmental compliance.

Jesse Free is currently a Consultant Regional Construction Engineer with Greenman-Pedersen Inc. He is a former Assistant District Engineer for the Maryland Department of Transportation, State Highway Administration's District 4. He has over 34 years of progressive construction engineering experience providing management of staff, design review and coordination, and construction management and inspection services on numerous major highway/bridge multimillion-dollar projects throughout the Baltimore-Washington Metropolitan Area. In his current role Jesse supports MDOT SHA District 3 Construction overseeing multiple projects managing the assigned construction management staff, district wide construction training, resolving project issues, and assuring project compliance to the contract documents and current MDOT SHA policies and procedures.



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Peter Bourne is a Professional Engineer licensed in 5 states. He is Vice President of Construction Engineering & Inspection for KCI Technologies, Inc. working out of their 3 Delaware Offices. He earned a B.S. in Civil Engineering from the University of Maryland and has been involved with in the design, construction and inspection of roadways, utilities and site developments on the Delmarva Peninsula for the past 39 years

Sam Gregory has 40+ years working in the transportation community for various public and private employers. Since 2012 he has been an Independent Contractor providing training and technical assistance for public works agencies. This has been providing guidance in pavement management and maintenance best practices for select government organizations. Before that he spent 29 years with Pennsylvania Department of Transportation working from the bottom up in field operations, with experience in project planning, quality assurance, training, culminating by managing a two-county maintenance organization. His winter operational experience included the implementation of the FHWA research on anti-icing and other technologies as well as managing snow and ice control operations on 779 miles of roadways from gravel roads to multiple lane highways, one of which traversed the 7 mountains area where the majority of the elected officials from western PA had to travel to and from the state capitol.

Lou Hatter is the Communications Manager for VDOT's Culpeper District. He brings 36 years of communications experience to the job, including 20 years as a newspaper editor and 16 years as VDOT's communications manager for the Culpeper District. In that position he is responsible for public outreach, executive counsel and support of VDOT's activities in nine Piedmont Virginia counties, from Fauquier to the north to Albemarle in the south. Hatter has also been the Communications Manager for several high-profile, controversial VDOT projects, including the \$250 million Route 29 Solutions program of improvements to the U.S. 29 corridor near Charlottesville. Hatter also has 30-plus years' experience as a volunteer Paramedic and EMT Instructor, and he is a member of the Virginia Department of Health's Medical Reserve Corps, where he has actively served during the COVID-19 pandemic.

Patrick Wright is a traffic engineer working for the PennDOT Local Technical Assistance Program (LTAP). He has over 33 years of experience in traffic engineering and safety and has worked for the LTAP for 14 years. Patrick works with local communities on safety issues throughout Pennsylvania and also teaches LTAP traffic/safety related courses.

Kim Carr has over twenty-years of practical experience in many communication areas, such as, public relations, event planning, and writing/editing. She holds a bachelor of science in journalism with a concentration in advertising and a minor in psychology from West Virginia University. Additionally, Kim holds a master of arts in counseling. She teaches several communication related topics for the LTAP audience, including business writing, effective communication, and customer service – all focused for public works. She realizes the important role of communication in everything from worker safety to job effectiveness to efficiency. As a former facilitator of the FranklinCovey Seven Habits of Highly Effective People, Kim incorporates many of these foundational principles in her training and interactions.

Paul Mauser is the Engineering Manager for the Town of Ocean City, Maryland and his primary responsibilities include: Canal Dredging, design review of private utility installations, Dune Maintenance, ADA Beach Access, and developing biking infrastructure and policy in addition to



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supporting projects such as Town Bulkheads, Beach Renourishment, Coastal Resilience, and Storm Drain Infrastructure. Paul is a Professional Engineer (P.E.), 2006 graduate of the University of Delaware (BS Engineering Technology), and 2011 graduate of Salisbury University (MBA). Paul is a former ASCE President of the local Younger Member Group and is now a Secretary to the ASCE Eastern Shore Branch and is the President of the Town's Bicycle & Pedestrian Advisory Committee (BPAC) since its inception in 2018. Paul is fortunate to be a lifelong resident of the Eastern Shore, is a strong willed ESTJ personality type, and engages in many challenging hobbies.

Mr. McGean has served as the City Engineer for Ocean City, Maryland since 1990. He is responsible for the design, permitting, and construction of building, roadway, and shoreline protection projects in the city including all traffic control on municipal streets. Mr. McGean managed the adoption and implementation of the City's parking control system, video surveillance system, and building access control systems. Mr. McGean recently created the Town's formal Traffic Calming policy and is a member of the Ocean City Pedestrian Safety Task force. He is a member of the American Society of Civil Engineers, American Public Works Association, International Parking & Mobility Institute, and the American Shore and Beach Preservation Association. Mr. McGean graduated from Texas A&M University in 1988 with a Bachelor of Science Degree in Civil Engineering and is a Maryland registered professional engineer

Gary Hoffman is the Director of Technical Services with the Pennsylvania Asphalt Pavement Association (PAPA). Prior to this position, he served six years as PAPA's Executive Director. Gary came to PAPA with a successful 34-year career in leadership positions with the Pennsylvania Department of Transportation, the last 12 of which were as Chief Engineer and then Deputy Secretary of Highway Administration. Gary has BS and MS degrees in Civil Engineering from Drexel University. His current focus areas are asphalt materials and pavement design and construction best practices.

Amanda Hamm works for the Virginia Department of Transportation's (VDOT) Office of Strategic Innovation as the Connected and Automated Vehicle (CAV) Program Manager. As CAV Program Manager, Ms. Hamm works on coordinating VDOT's CAV efforts, facilitating communications between VDOT and CAV stakeholders, supporting CAV efforts in Virginia, and engaging in regional and national CAV discussions and research efforts. Ms. Hamm previously worked for Virginia's Department of Motor Vehicles' Legislative Services Division as a subject matter expert in connected and automated vehicles, vehicle insurance, legal presence, and licensing/ identification. Ms. Hamm received her bachelor's degree from George Washington University and her J.D. from William and Mary Law School.

Eric Ferrebee is the Director of Technical Services with the American Concrete Pavement Association. Eric joined the ACPA staff in the summer of 2014. He is responsible for providing technical resources and consulting services to ACPA members and the agencies and owners they serve. Eric is in charge of developing ACPA's Wikipave online technical resource, which is the largest on-line resource for concrete pavement technology. He is a key team member in the industry's development of the online pavement thickness design tool PavementDesigner.org. He also supports the Association's mission through development of technical literature; overseeing research projects; and enhancing concrete paving technology transfer and information sharing. Eric has earned both his Bachelors and Masters Degrees in Civil Engineering from the University of Illinois at Urbana-Champaign and is a Registered Professional Engineer in Illinois.



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Patrick Wright is a traffic engineer working for the PennDOT Local Technical Assistance Program (LTAP). He has over 33 years of experience in traffic engineering and safety and has worked for the LTAP for 14 years. Patrick works with local communities on safety issues throughout Pennsylvania, and also teaches LTAP traffic/safety related courses.

Mary Ellen Gray has over 30 years of professional experience working at the local, state and federal level in the regulatory and planning fields. Ms. Gray's experience includes over ten years working in the Washington, DC area including for a national non-profit and then an environmental consulting firm. Ms. Gray spent nine years working in Indiana including: for the City of Bloomington as an Environmental Planner; the State of Indiana working for the Indiana Department of Environmental Management, Office of Water Quality as the Planning Branch Chief and the Assistant Deputy Director; and then for the Monroe County Solid Waste Management District as the Director. Ms. Gray has been on the Delmarva Peninsula for the past sixteen years where she has worked as the Transportation and Long Range Planner for Wicomico County, MD and then the Assistant Planning Director for Kent County, DE and now as the Planning and Development Director for the City of Newark since mid-April 2017. Ms. Gray is also the Chair of the Town of Camden Planning Commission where she lives with her family and is a member on the Delaware APA Executive Committee where she is the Past President. Ms. Gray has a geology degree from the University of Rochester, NY, a Masters in Planning from the University of Virginia and is an AICP member since 1997.

Dan Blevins is a Principal Transportation Planner with the Wilmington Area Planning Council (WILMAPCO), in which he has worked for the past 20 years. He is a graduate from the University of Delaware with a Bachelors Degree in Geography. Current duties at WILMAPCO include congestion management and operations, demographic forecasting and regional goods movement planning. In addition, Dan serves as the agency's GIS database administrator and manages several sub-regional studies throughout the WILMAPCO region. Before his tenure at WILMAPCO he worked as a program manager for the University of Delaware and as a GIS Analyst for the New Castle County Water Resources Agency.

Chris Daly is a 24-year police veteran, currently serving as a lieutenant for the West Chester (PA) Police Department. Chris is an accredited crash reconstructionist (ACTAR #1863) and a lead investigator for the Chester County Serious Crash Assistance Team. In addition to his crash reconstruction duties, Chris oversees the department's traffic safety and special event planning / counterterrorism duties. Chris has a master's degree in Environmental Health Engineering from Johns Hopkins University and is a contributing author to numerous public safety professional publications including "Fire Apparatus & Emergency Equipment Magazine" and "Fire Engineering Magazine". Chris has also developed an emergency vehicle driver training program entitled "Drive to Survive", which has been presented to over 24,000 firefighters and police officers at over 540 emergency service agencies across the United States. He is the author of a recently released textbook from Fire Engineering Books and Video entitled "Drive to Survive – The Art of Wheeling the Rig". Additional resources concerning emergency vehicle crash reconstruction and seminar scheduling can be found at his website www.drivetosurvive.org.

Damien Davis, P.E. is the Director of Engineering and Public Works for the City of Morgantown. As the Engineering and Public Works Director, Damien oversees 3 departments for the City (Streets & Right of Ways, Fleet Maintenance, and Building Maintenance & Permitting) and serves as the City's representative on the Morgantown Traffic Commission, Morgantown Municipal Bike Board, and the



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Morgantown Pedestrian Safety Board as well as the MPO's Transportation Technical Advisory Committee. Damien also serves on the board of WV LTAP and West Virginia Floodplain Managers Association where he served as Treasurer for 2 years. He has over 17 years of experience working for local and county governments. Damien is a graduate of West Virginia University, where he received a Bachelor of Science in Civil Engineering. After graduation Damien was hired by the City of Harrisburg, PA as a civil engineer. While working for the City of Harrisburg, Damien was deployed to Iraq with the WV National Guard's 1/201st Field Artillery Battalion in support of Operation Iraqi Freedom II. After leaving the City of Harrisburg, Damien went to work for the Jefferson County WV, Engineering Department as the County Engineer. Next Damien was hired by the City of Morgantown as the Asst. City Engineer and later promoted to his current position.

Jeff Zaharewicz is presently serving as Acting Director of the FHWA Center for Accelerating Innovation, where he has served as the Senior Advisor since October 2016. In this role Jeff is responsible for providing support, guidance, and policy direction for FHWA's strategic innovation deployment programs including Every Day Counts, State Transportation Innovation Councils, Accelerated Innovation Deployment Demonstration, and Accelerating Market Readiness. Jeff previously served as the national LTAP/TTAP program manager for five years and held other leadership roles in the Office of Infrastructure and Office of Federal Lands Highway. Jeff is a native of Pittsburgh PA and a graduate of Penn State University

Danielle Mathis-Lee is currently a Program Manager for the Federal Highway Administration's, Local Aid Support. In this role, she ensures that diverse products, programs, national training and technical assistance is accessible to local governments and tribes. Danielle is a proud graduate of the University of Maryland Eastern Shore, and holds a bachelor's degree in Business Administration, Hospitality and Human Resources. She began her career with the FHWA in 2001 as a Program Assistant for the Office of Professional and Corporate Development. Danielle has over 17 years of experience aiding with the delivery of training and technical assistance to State DOTs and Universities, and the Local Technical Assistance Program

Craig A. Stevens graduated from The University of Delaware with a Bachelor's of Science in Civil Engineering in June of 2003. His focus was primarily on structure design and analysis. During his school, Craig interned for the Delaware Department of Transportation (DelDOT) as a construction inspector for three years. Much of his inspection work was the placement of Reinforced Concrete Pipe (RCP), ensuring the proper placement guidelines were followed. Craig was hired by DelDOT in June of 2003 and he has worked there ever since (18 years). In his 18 years with DelDOT, Craig has worked in bridge inspection and bridge design and now Craig is the Delaware's Bridge Design Engineer as he heads the entire Bridge Design Section for DelDOT.

Tryg Hoff is the Northeast Region Engineer for the American Concrete Pipe Association (ACPA). Tryg graduated with a BS in Civil Engineering from The Ohio State University and his professional experience ranges from environmental consulting in Ohio, to architectural engineering in beautiful Lake Tahoe, California. Tryg lives near Madison, Virginia, at the edge of the Blue Ridge mountains with his wife, Brooks, on a small 40-acre horse farm. Tryg has been promoting resilient infrastructure with the ACPA since 2012.



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Boardwalk and Beach, Rehoboth Beach, Delaware 30



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Seems like forever since we all got together.
We look forward to catching up.

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Outdoors

Outdoor Exhibits - Parking Lot

1st Floor

Registration - Lobby

Reception - Sandcrab Beach Bar

3rd Floor

General Sessions - Swan Ballroom

Meals - Swan Ballroom

Vendors

4th Floor

**Breakout Sessions - Sanibel, Crane
& Dolphin**

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2021 Roadway Management Conference

October 6 - 8, Rehoboth Beach, DE

Professional Development Hours Self-Reporting Attendee Record

Licensures and certifications often require professional development hours for maintenance. Your attendance at this conference entitles you to receive PDHs. This form is for you to record the portions of the conference you attend and the corresponding credit hours for those sessions. **It is your responsibility to ensure the sessions recorded are appropriate for the licensure or certification program.** Also, ensure that you only mark one session per breakout period. The organizers will only record attendance for the conference, not session attendance.

Day	Time	Title	Hours Earned	Hours Possible
Wednesday October 6, 2021	12:45 PM to 1:15 PM General Session	Opening Session		0.5
	1:15 PM to 2:00 PM General Session	Selling Safety Improvements		0.75
	2:45 PM to 3:45 PM Breakout Session 1	1A. The Art of Inspection - Inspection Fundamentals for Any Job		1.0
		1B. Safety Countermeasures - We've Tried a Bunch and Some Work		
		1C. Ethics - Case Studies		
4:00 PM to 5:00 PM Breakout Session 2	2A. Inspection Specifics - Best Practices		1.0	
	2B. Winter Operations			
	2C. Resurrecting the Lost Art of Listening			
Thursday, October 7, 2021	8:00 AM to 9:00 AM Breakout Session 3	3A. Pipe Installation and Inspection		1.0
		3B. Roadway Safety Audits and Solutions		
		3C. Presenting 101-The Art of Effective Face-to-Face and Virtual Presentations		
	9:15 AM to 10:15 AM Breakout Session 4	4A. Seasonal Transitions		1.0
		4B. Paving Techniques: Alternatives to Mill and Fill		
		4C. Avoiding Tomorrow's Headaches: Why The Connected and Automated Vehicle Ecosystem Needs Your Input.		
10:45 AM to 11:45 AM Breakout Session 5	5A. Pervious Concrete & Full-Depth Reclamation		1.0	
	5B. Pedestrians and Crosswalks			
	5C. Experiences with Virtual Public Meetings			
12:45 PM to 1:15 PM General Session	Repurposing Streets		0.5	
1:30 PM to 5:00 PM General Session	Demonstrations		3.5	
Friday, October 8, 2021	8:00 AM to 9:00 AM	Local Agency Innovations		1.0
	9:15 AM to 10:15 AM Breakout Session 6	6A. Pipe Inlet and Outlet Protection		1.0
		6B. Trench Safety - Excavation Limits & Considerations		
		6C. Problem Solving Through Creative Thinking		
10:45 AM to 11:30 AM	Hot Topics		0.75	
Total (not to exceed 13.00 Hours)				13.00

Print Name: _____

Sign & Date: _____