



2024 WASHTO Annual Meeting

Omaha, Nebraska



Sunday, July 7, 2024		
10:00 AM 5:00 PM	Registration	Rooms 211-212
2:00 PM 4:00 PM	AGC Caucus	Room 209
6:00 PM 9:00 PM	Welcome Reception– Durham Museum (HNTB)	Buses to load at Hilton
Monday, July 8, 2024		
7:00 AM 5:00 PM	Registration	Rooms 211-212
7:00 AM 8:30 AM	Board of Directors Breakfast Meeting <i>(invite only)</i>	Room 208
8:00 AM 5:00 PM	Spouse/Guest Hospitality	Room 206
8:00 AM 9:00 AM	Delegate Breakfast	Grand Ballroom South
8:00 AM 9:00 AM	Chief Engineers Breakfast <i>(invite only)</i>	Room 207
9:00 AM 10:00 AM	Opening General Session - Part I FHWA Administrator Shailen Bhatt, Senator Deb Fischer, WASHTO President Jundt, Mayor Jean Stothert, and NDOT Director Vicki Kramer welcome you to Omaha.	Grand Ballroom North
10:00 AM 10:15 AM	Break	Grand Ballroom South and Foyer
10:15 AM 11:45 AM	Opening General Session - Part II Executives from various industries in transportation talk about current and future trends and innovative solutions. The panel features Union Pacific Railroad President Beth Whited, Chief Executive Officer of the Omaha Airport Authority David Roth, President of Omaha-based Hill Brothers Transportation Al Hill, and the Chief Development Officer from Monolith, a global leader in commercial-scale black carbon production, Amy Ostermeyer.	Grand Ballroom North
11:45 AM 1:00 PM	Delegate Lunch	South Ballroom
11:45 AM 1:00 PM	Board of Directors Lunch with Shailen Bhatt and Union Pacific <i>(invite only)</i>	Room 207
1:00 PM 1:45 PM	EDUCATIONAL SESSION #1 - Bentley	Scott Becher - Bentley Grand Ballroom North
	<i>Emerging Technologies: Unmanned Aerial Systems, Reality Data, Machine Learning (ML), Artificial Intelligence (AI), the Internet of Things (IoT), and their impact on transportation systems - Explore the potential of tools such as UAS, reality models, artificial intelligence, and the Internet of Things (IoT) in critical operations like Bridge Asset Management - including inspections - to get better quality data, visual changes over time, and use real-time information to make better decisions. This allows owner/operators and their consultants to prioritize work, improve productivity, enhance safety for inspectors and the traveling public, and produce more data-rich deliverables that can be used and reused throughout the asset's lifecycle.</i>	



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Monday, July 8, 2024		
1:45 PM 2:00 PM	Break	Grand Ballroom South and Foyer
2:00 PM 2:45 PM	BREAKOUT #1	Tom Melton, PE - Wilson & Company, Andrew Owenby - CapitalTezak, Dave Poling, PE - Wilson & Company Room 215
	<i>Using Design-Build and Bundling 17 Structurally Deficient Bridges, CDOT Reduced Cost - Describe importance of prioritized project scope and goals. Discover how contract technical requirements can be developed, clarified, and modified to reduce risk and incorporate design innovations. Demonstrate how D-B combined with a multi-site bundled bridge project creates efficiency, reduces cost, and shortens the schedule.</i>	
2:00 PM 2:45 PM	BREAKOUT #2	Jennifer Triana - TopoDOT, Don Seals - Trekk Design Group Room 216
	<i>"Critical Regional Growth" Leveraging LiDAR Technologies for Design Build Projects - This presentation will demonstrate the implementation of 5 Reality Capture technologies in the data fusion survey of the MoDOT's Buck O'Neil Bridge design-build project. It will show how to efficiently convert 3D point cloud data into CAD deliverables using automated feature extraction tools, significantly reducing project time. The session will cover the creation and delivery of a digital twin model through the collaborative TopoShare platform, integrating geospatial operations into transportation design.</i>	
2:00 PM 2:45 PM	BREAKOUT - #3	Caroline A Mays, AICP - TxDOT, Ram S. Maddali, PE, AICP, PMP - OTHON, Inc. Room 214
	<i>Effective Hiring Practices - Tools in the Toolbox - Insights into flexible hiring and recruiting solutions in both public sectors (DOTs) and private sectors based on first-hand experiences. Exploration of strategies by hiring managers to improve career growth and facilitate professional reentry after an extended absence. Presentation on the importance of return-to-work programs, mid-level and entry-level internships, remote workplace options, and their effectiveness in attracting high-caliber employees across all organizational levels.</i>	
2:00 PM 2:45 PM	BREAKOUT - #4	Bethany Wyatt - TxDOT, Michael Martin - TTI Room 213
	<i>Innovative Uses of Connected Car Data at TxDOT - In the past several years, Texas Department of Transportation has been actively pursuing better data from the private sector for transportation planning, design, operations, maintenance and safety. In particular, TxDOT has licensed connected car data coming from a major auto OEM, whose connected cars have a 5%-7% sample rate throughout Texas, on both urban and rural highways. TxDOT and the Texas A&M Transportation Institute (TTI) have been assessing the feasibility of various use cases for this connected car data, and three particular use cases have risen to the top: 1) spot speed studies for setting speed limits and monitoring speed limit compliance; 2) work zone monitoring and safety; 3) predictive safety analysis using Highway Safety Manual (HSM) procedures. In this presentation, TxDOT and TTI will provide a summary of their connected car data initiatives and in particular, their progress in implementing these three use cases.</i>	
2:45 PM 3:15 PM	Break	Grand Ballroom South and Foyer
3:15 PM 4:00 PM	EDUCATIONAL SESSION #2 - Kiewit	Corey Biddle - Kiewit, Luisa Paiewonsky - US DOT Volpe Center, Shawn Wilson - WSP, Craig Thompson - WIDOT Grand Ballroom North
	<i>"Overwhelmed – Addressing Delivery Challenges Today" - The session will address shifting priorities in transportation projects, emphasizing workforce development and the impact of current cost escalation. Industry leaders will discuss challenges like uncertain project funding and limited consultant and contractor availability. Innovative methods to tackle these issues and enhance project delivery will be explored.</i>	
4:00 PM 5:00 PM	FHWA Administrators Meeting (Invite Only)	Room 207
4:15 PM 5:00 PM	BREAKOUT - #5	Diego Taboada - Dynamic Isolation Systems, Fuji Hyashi - Structural Technologies Room 215
	<i>Practical Application of Isolation Technologies: Enhancing Resilience and Sustainability of Bridges - This presentation provides insight into the practical applications of isolation bearings in bridges. It demonstrates their contributions to enhancing a bridge's resilience and ensuring its post-earthquake functionality. The presentation also highlights isolation technology's ability to minimize environmental impact, reduce material usage, and save overall project costs and life cycle costs.</i>	



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4:15 PM 5:00 PM	BREAKOUT - #6	Darwin Desen - WSP, Chris Keckeisen - Union Pacific Railroad, Jodi Gibson - Nebraska DOT, Rich Scott - BNSF Railway, Noreen Ellis - WSP, Jeff Davis - TxDOT Room 214
	<i>Working with the Railroads</i> - Join a conversation with leaders from Nebraska and Texas DOTs, BNSF and UPRR on resources and contacts available to you when working on public agency projects that impact railroads. The panel discussion will focus on best practices and relevant processes when public agencies and railroads work together. In addition, panelists will highlight successful projects and partnerships including recent federal grant awards and other opportunities for success.	
4:15 PM 5:00 PM	BREAKOUT - #7	Tommy Abrego - TxDOT, Diann Hodges - TxDOT, Heather Ashley- Nguyen - TxDOT Room 216
	<i>I-35 Capital Express-Bringing a Community Together</i> - I-35 through downtown Austin is often ranked as the most congested roadway in Texas. It has also been seen as a scar on the community, due to a 1928 city masterplan that relocated people of color to the east side of the road, formally known as East Avenue. Join TxDOT as they explain how the \$4.5 billion Capital Express Central project is designed to not only improve congestion, but reconnect a community.	
4:15 PM 5:00 PM	BREAKOUT - #8	Andrew Amend, PE, PTOE - Stolfus & Associates, Inc. Room 213
	<i>Colorado Department of Transportation Region 5 Critical Locations Study</i> - This session will provide a presentation on a safety improvement plan for a rural mountainous region of Colorado. The presentation will include a discussion of technical topics related to safety diagnostics as well as strategy for outreach to local communities to partner on potential solutions. A culmination of this work will be a critical locations study documenting regional priorities for safety improvement.	
5:00 PM 6:00 PM	Vendor Reception (all delegates invited)	Grand Ballroom South and Foyer
5:00 PM 6:30 PM	Board of Directors Reception (invite only)	The Blatt
6:30 PM 9:00 PM	Reception at Henry Doorly Zoo & Aquarium Hosts: ACPA, HDR, HeadLight, Kiewit, and WSP	3701 S. 10th Street Omaha, NE 68107

Tuesday, July 9, 2024		
7:00 AM 5:00 PM	Registration	Room 211-212
7:00 AM 5:00 PM	Spouse/Guest Hospitality	Room 206
7:00 AM 8:30 AM	ARTBA/AGC/AASHTO Breakfast (invite only)	Room 208-209
7:30 AM 8:45 AM	Delegate Breakfast	Grand Ballroom South
8:45 AM 9:30 AM	EDUCATIONAL SESSION - #3 - RS&H	Tom Everett - RS&H, Inc., Brian Hogge - FHWA, Bob Jones - RS&H, Inc., Jody Schott - Kiewit, Josh Sletten - UTDOT Grand Ballroom North
	<i>Construction Market Disruptions and the Rise of Alternative Contract Delivery</i> – The construction industry is currently facing challenges such as soaring material inflation, labor shortages, and supply chain issues, affecting business operations. Increased infrastructure investments nationwide are prompting a reevaluation of contract delivery methods. In this session, we will discuss the forces driving change in contract delivery practices, the key elements of successful alternative delivery projects and how these methods balance risk profiles and ensure bid results meet budgets.	



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Tuesday, July 9, 2024		
9:45 AM 10:30 AM	BREAKOUT - #9	Jesse Escamilla III PE SE - Alaska DOT&PF Room 215
	<i>Innovative Solutions: Virtual Emergency Drone Inspection of #1261 Koyukuk River Bridge - In response to severe structural damage at the #1261 Koyukuk River Bridge in Alaska, innovative drone technology and Starlink mobile data stations were employed to conduct a virtual emergency inspection. This strategic use of emerging technologies facilitated a live-streamed, real-time assessment of the bridge, allowing for immediate collaborative planning and damage evaluation without the need for physical presence. The successful implementation of this virtual inspection approach enabled rapid decision-making, significantly reduced logistical costs, and represented the first instance of its kind in emergency bridge assessments.</i>	
9:45 AM 10:30 AM	BREAKOUT - #10	Dan Corey - STV, Tracy Larkin Thomason - NVDOT, Charles Remkes - NMDOT, Amber Reimnitz - FHWA, Carl Rundell - TSIS, Scott Grenerth - TSIS, Don Wolford - TSIS Room 216
	<i>Corridor-wide and State Approach Freight Logistics and Truck Parking - Why are material supply levels at my store low? Why is my Amazon package delayed? Why do trucks park on the shoulder of the roadway and not in a lot at night? We have seen how the pandemic, labor negotiations, raw material shortages, weather, driver shortages, zero emission vehicles, accidents (moving and static), and construction impact the ability to efficiently of roadway freight movement. Come join FHWA, State DOT Leaders (NV and NM), an owner/operator, private developers, and technology providers that will discuss the state of truck parking and freight logistics, needs, guidance/policy, safety, logistic hub development and their impact on the system, data sharing, labor and workforce management, autonomy, and truck electrification, and the impact on corridors and Digital Infrastructure. This fun panel of known industry experts will provide you insights, challenges, and lessons learned, a few laughs, and the chance to see and enter an owner/operator's cab as we discuss the above topics! Come for the people...come for the fun...come for the chance to climb into the cab of a truck!!!!</i>	
9:45 AM 10:30 AM	BREAKOUT - #11	Jenny Roberts - CDM Smith, Mindy Kimura - Hawaii DOT, Felicia Denney - Nevada DOT Room 214
	<i>The Road Usage Charge Guide with a Western Perspective - With sales of electric vehicles increasing and vehicles becoming more fuel efficient, drivers are purchasing less fuel jeopardizing the long-term sustainability of the fuel tax system, a primary source of transportation funding. The recently published NCHRP RUC Guide is a dynamic web-based resource with ready-to-use tools, building blocks, and best practices for states interested in exploring, setting up, or implementing a per-mile charge, known as a road usage charge (RUC), as an alternative sources of revenue. This panel includes states in various stages of road usage charging and will be informative for agencies, policymakers, communicators, and transportation professionals from any state that currently relies on gas tax for their transportation funding.</i>	
9:45 AM 10:30 AM	BREAKOUT - #12	Delaine Linville - TNDOT, Will Reid - TNDOT Room 213
	<i>Tennessee DOT's EPIC and IPD Initiatives - The presentation will provide an overview of the goals and objectives of the EPIC & IPD initiatives, and the lessons learned during their implementation. The EPIC & IPD initiatives have completely reorganized TDOT, with a matrix organization that allows teams to work across disciplines to gain new skills and experience. EPIC & IPD has created new career path options for leadership, project management, and technical classifications that are proficiency-based.</i>	
10:30 AM 11:15 AM	Break	Grand Ballroom South and Foyer
11:15 AM 12:00 PM	BREAKOUT - #13	Craig Smith - SDDOT Room 215
	<i>Improving Traveler Information for Severe Winter Events - The 2022-2023 severe winter conditions created extensive issues with stranded motorists and challenging rescue missions for DOT staff and emergency responders. During winter events conveying accurate information to navigation services and apps has been challenging and resulted in drivers using local road systems. SDDOT has worked to improve communication on all road networks during winter events through the state managed 511 system.</i>	
11:15 AM 12:00 PM	BREAKOUT - #14	Emily Mcgraw - NCDOT, Jeff Lackey - TranSystems, Kit Wong - TranSystems, Nathan Lee - UTDOT Room 216
	<i>Infrastructure Resiliency: Strategies for designing and retrofitting transportation infrastructure to withstand climate change and natural disasters - Address various climate challenges seen across the state and learn from NC DOT how to effectively deal with coastal-related challenges. Discuss innovative planning, design, and technological advances using case studies to show how the industry is prioritizing resiliency in all its programs across all modes of transportation.</i>	



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Tuesday, July 9, 2024		
11:15 AM 12:00 PM	BREAKOUT - #15	Thomas C Walsh - Jacobs Engineering Group Room 214
	<i>Incorporating Resilient Design for Present and Future Fluvial Hazards in Yellowstone National Park - Incorporation of resilience into the planning and design of transportation infrastructure within Yellowstone National Park. Includes impacts to fluvial hazards and drivers, which were evaluated for both current day and projected, future climatic conditions (2040s, 2080s). Leveraging this information to size and design resilient systems.</i>	
11:15 AM 12:00 PM	BREAKOUT - #16	Chris Wichman - AirSage Room 213
	<i>Enhancing Safety Studies with Vehicle Insight - This presentation will explore the applications of Connected Vehicle (CV) data in transportation planning and engineering, with a special emphasis on safety planning case studies. We will highlight two case studies: an interstate corridor analysis, and a regional safety action plan, demonstrating how CV data enhances transportation safety assessments and complements conventional network screening approaches.</i>	
12:00 PM 1:15] PM	ARTBA Engineering Luncheon (invite only)	Room 208-209
12:00 PM 1:15 PM	Delegate Lunch	Grand Ballroom South
1:15 PM 2:00 PM	BREAKOUT - #17	Jeff Holabaugh - Dye Management Group, Inc. Room 214
	<i>Oregon DOT Fleet Organization Review – Fleet Technician Staffing Analysis - This presentation discusses the Oregon DOT's (ODOT's) recent Fleet Organization Review, conducted by Dye Management Group, Inc., which included a fleet technician staffing analysis to determine statewide and regional shop staffing needs. The analysis was based on the Vehicle Equivalency Unit (VEU) approach and was tailored to ODOT's organization and operating environment using maintenance and repair history data from their Fleet Information Management System. The analysis also considered ODOT's organizational model that includes equipment maintenance performed by maintenance crews, Fleet Services Section responsibility for the statewide generator maintenance program, and non-equipment work performed by fleet technicians assisting maintenance crews.</i>	
1:15 PM 2:00 PM	BREAKOUT - #18	Chris Gilstrap, PE - Parsons Corporation, Erdal Karataylioglu PE, MBA - Parsons Corporation Room 216
	<i>SH 249 Extension Design-Build Project: Challenges/Solutions & Lessons Learned - SH 249 Extension D-B project is a 24 mile long mostly new tolled highway from FM 1774 in Pinehurst to FM 1774 in Todd Mission, TX. The \$607M project was completed in 2022, nine months ahead of schedule, and won 3 awards. Erdal & Chris will share some of the challenges/solutions and lessons learned.</i>	
1:15 PM 2:00 PM	BREAKOUT - #19	Smita Sharma - Lindsay Room 215
	<i>"Bridging the Gap: Bridge Bike-Ped Path Projects & Safety for All Approach" - Conduits like major bridges and tunnels, where multiple modes of transportation funnel to cross the bridge, are a safety and connectivity concern when protected bike/ped paths are non-existent. Hence, innovation opportunities exist for agencies to manage the bridge right-of-way (ROW) keeping safety for all and community connectivity goals in mind. On the same lines, this presentation intends to tell the story behind the recent addition of protected bike/ped paths in the United States on the Richmond-San Rafael (R-SR) Bridge in California and Discovery Bridge in Missouri.</i>	
1:15 PM 2:00 PM	BREAKOUT - #20	Lauren D. Garduno, PE - Ports-to-Plains Alliance Room 213
	<i>Connecting North America and the Ports-to-Plains Trade Alliance - This session will give an overview of the work going on the three High Priority Corridor segments represented by the Ports-to-Plains, The Heartland Expressway, and The Theodore Roosevelt Expressway. The overview will be followed by describing some of the economic and social factors that are driving the need to improve this corridor through the mid-western United States. The session will conclude by describing potential next steps to bring these corridors up to four lane divided or interstate standards.</i>	
2:00 PM 2:15 PM	Break	Grand Ballroom South and Foyer
2:15 PM 3:00 PM	BREAKOUT - #21	Suzie Roseberry - WYDOT Room 215
	<i>Using Situation Data Exchange for 3rd Party Data Providers - During winter in Wyoming, many drivers get stranded due to following GPS reroutes around I-80 closures. Traditional traffic information fails to reach these drivers, especially those unfamiliar with the area. To address this, Wyoming uses a data platform known as the Situation Data Exchange to share road closure information directly with GPS navigation providers, preventing drivers from being directed to unsafe routes.</i>	



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Tuesday, July 9, 2024		
2:15 PM 3:00 PM	BREAKOUT - #22	Gavin Diaz - Infotech, Darin Muncy - Trimble Room 216
	Incorporating Geo-enabled Survey Tools for Seamless Digital Inspection - Attendees will learn how e-Construction mobile tools combined with GNSS hardware have laid a path toward Digital Project Delivery and the creation of a Digital As Built. This session will follow the history and workflow that this industry is adopting in construction inspection that has led to an 87% gain in efficiency.	
2:15 PM 3:00 PM	BREAKOUT - #23	Brett Jenkins - NV Energy, Candice De - Jacobs Engineering, Melissa Savage - Jacobs Engineering Room 214
	Lessons Learned in the NEVI Program - This session covers lessons learned in planning, contracting, design and construction in the NEVI program based on examples from 5 DOT's and a public utility. We'll share examples of contracting hurdles, design hurdles (ahem utilities), and how one state is submitting their fully built out request. We'll also share the utility perspective from EV charging in general including supply chain issues, how public and private investments overlap, and the interaction with businesses thus far.	
2:15 PM 3:00 PM	BREAKOUT - #24	Shea Saladee - HDR, Amanda Brandt - HDR, Drew Watts - HDR, Stephanie Rittershaus - HDR Room 213
	The Human Factor: Using Social Marketing to Influence Behavior Change - We're in a vehicle crash epidemic. Roadway deaths are rising, even as technology, vehicles and engineering get safer. However, roadway improvements alone won't solve the problem – even with safe systems, there's still a driver behind the wheel – the human factor. HDR is working with multidisciplinary teams consisting of social marketing practitioners, behavioral scientists, traffic safety engineers and branding experts to create data-driven safety campaigns focused on road user behavior to reduce roadway fatalities.	
3:00 PM 3:30 PM	Break	Grand Ballroom South and Foyer
3:30 PM 4:15 PM	BREAKOUT - #25	Pat Gallagher - Parsons Transportation Room 213
	Major Incident Response Innovation – Nevada DOT Towing & Recovery Incentive Program (TRIP) - Introduce the Towing & Recovery Incentive Program. Describe its goals and objectives, and the benefits DOT's have received. Outline how the Nevada program has been implemented and its best practices. Participants will learn about the program and may consider it as an option to improve their response to heavy commercial highway incidents.	
3:30 PM 4:15 PM	BREAKOUT - #26	Amlan Mukherjee, PhD, PE - WAP Sustainability Consulting, Craig Wieden, PE - Colorado DOT, Todd Gonser, PE - Cutler Repaving Room 214
	Implementing Tools/Technologies in the World of EPD Legislation (Environmental Product Declarations) - In this evolving world of sustainable transportation, State DOTs are tasked with implementing tools and technologies to comply with Legislation requiring evaluation of products and processes that are environmentally less impactful for transportation projects. This panel will discuss the EPD/LCA process from perspectives of the Consultant, DOT and Contractor relating to analysis, specifications and innovative construction methods.	
3:30 PM 4:15 PM	BREAKOUT - #27	Jeff Dobmeier - Jacobs Engineering Group, Mark Vessely - BGC Engineering, Chris Hughes - Room 215
	Incorporating Resilient Design for Present and Future Geohazards in Yellowstone National Park - Yellowstone National Park is applying a comprehensive approach to address resilience metrics in the planning and design of the 28-mile Northeast Entrance Road corridor improvements following significant flooding in 2022. The resilience planning assessed current-day threats along the corridor, which includes flooding, channel migration, and debris flows produced following extreme weather and post-fire hydrology, and how those threats would change in frequency and magnitude in a changing climate. Results of the evaluation are informing cost-benefit analyses and resiliency decisions for objectives such as robustness, resourcefulness, and rapidity that will improve corridor performance in future extreme events and demonstrate favorable investments by the National Park Service.	
3:30 PM 4:15 PM	BREAKOUT - #28	Katherine Keith - AKDOT & Public Facilities, Katherine Wood - HDR Engineering, Inc., Chris Hughes PE - HDR Engineering, Inc. Room 216
	I Scrum, You Scrum, We All Scrum for an Outcome - Agile-Scrum project management is a hot, new approach invented for software development that is now being adapted for infrastructure projects and the A/E/C world. Hear how it's working in Alaska on the State's last traffic safety corridor project, where a blended client-consultant team is advancing NEPA and preliminary engineering. This pilot project, delivery innovation will be useful to any agency who wants to advance projects faster, while improving outcomes.	



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Tuesday, July 9, 2024		
4:00 PM 5:00 PM	FHWA and CEOs Meeting <i>(invite only)</i>	Room 207
4:15 PM 4:45 PM	5 O'clock Somewhere Break <i>(TranSystems)</i>	Grand Ballroom South and Foyer
5:30 PM 9:00 PM	Host Night at the Luminarium <i>(HNTB)</i>	Host Night @ Luminarium Load buses at 5:30pm

Wednesday July 10, 2024		
7:30 AM 12:00 PM	Registration	Rooms 211-212
8:00 AM 9:15 AM	Delegate Breakfast	Grand Ballroom South
7:30 AM 9:15 AM	RUC America Breakfast <i>(invite only)</i>	Room 207
BREAKOUT - #29		
9:15 AM 10:00 AM	<i>Bridging the Gap: Innovations in Hawaii's Bridge Inspection Program</i> - Learn how Hawaii DOT is leveraging technology to extend the lifespan of critical aging infrastructure including using UAVs to support bridge maintenance. See how innovation is connecting data sources and reducing data loss between stage agencies. Discover how modernizing maintenance activities is enhancing the resiliency of Hawaii's bridges.	Victoria Richardson - HeadLight, Brent K. Ching, PE - HIDOT Room 215
BREAKOUT - #30		
9:15 AM 10:00 AM	<i>Using Artificial Intelligence to Improve Bridge Management</i> - UAS is providing a safe and efficient way to access hard-to-reach areas of bridges, while AI is being used to automatically find and quantify defects and deficiencies. Using these technologies is also helping to address workforce challenges and providing opportunities for engineers to be involved in the inspection process that may not be able to physically inspect the bridge. Our presentation will highlight several Nebraska bridges that we used these technologies as part of the inspections.	Barritt Lovelace - Collins Engineers, Inc. Room 216
BREAKOUT - #31		
9:15 AM 10:00 AM	<i>Launching Transportation Moonshots in the Western States</i> - In 2022, the AASHTO Board of Directors adopted a shared national transportation vision framework developed following a year of research and engagement in partnership with TRB. In 2023, 11 states agreed to serve as initial deployment states for "moonshot" concepts to demonstrate progress toward the vision. This session will include a brief overview of the vision and a panel discussion of leaders helping guide these initial deployments in the Western States, including how their agencies are advancing transformative change in areas related to technology, access to opportunity, and community-based planning.	John Kaliski - Cambridge Systematics, Inc., Roger Millar - WSDOT, Dawn Sullivan, PE - OKDOT, Tracy Larkin Thomason - NVDOT Room 214
BREAKOUT - #32		
9:15 AM 10:00 AM	<i>The Path to Digital Transformation Through Data Interoperability</i> - How are technology providers working together to provide a connected data environment. Learn about AASHTO's support of open data standards and interoperability. DOT systems interoperability examples.	Brian Korschgen - AASHTO, Chad Schafer - Infotech Room 213
10:00 AM 10:15 AM	Break	Grand Ballroom South and Foyer
BREAKOUT - #33		
10:15 AM 11:00 AM	<i>Experiences in the Use of Digital Construction Management in the Highway Industry</i> - Digital Construction Management (DCM) builds upon a variety of emerging and existing technologies and techniques, including 3D Modeling, e-Construction, Digital As-Builds, e-ticketing, Unmanned Aerials Systems, Smart Work Zone Project Coordination, and Strategic Workforce Development innovations. DCM helps State Highway Agencies (SHA) and industry integrate electronic construction management processes to enhance safety, efficiency, and effectiveness of highway construction. The benefits of this domestic scan are the identification and accelerated deployment of proven DCM configurations, highlighting organizational characteristics that demonstrate institutional readiness with success in the adoption and implementation of innovative technologies and techniques.	Ty Carlson - NEDOT Room 215



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Wednesday July 10, 2024		
	BREAKOUT - #34	
10:15 AM 11:00 AM	<i>Implementing Smarter and Safer Truck Parking Solutions - The first of TxDOT's action plans are nearing completion for Houston/Southeast and El Paso/Far West, offering programs, policies, and projects to address the truck parking needs and challenges of each region. Recommended solutions include programs to integrate truck parking into state and local infrastructure projects; policies and best practices for local governments to integrate truck parking into land use controls and the development review process; and projects to implement truck parking technology. With recent focus and significant Federal investment in truck parking projects, TxDOT is well positioned to leverage the recommendations and projects identified in these regional action plans to take advantage of future funding and competitive grant opportunities.</i>	Brian Comer - HNTB, Kale Driemeier - TxDOT, Tyler Graham - TxDOT Room 216
	BREAKOUT - #35	
10:15 AM 11:00 AM	<i>Fair Miles Oklahoma Pay-Per-Mile Pilot - The Oklahoma DOT conducted the Fair Miles Oklahoma Road User Charge study to evaluate RUC as a possible alternative to motor fuel taxes as a source of revenue for transportation. Conducted over 19 months, the study included a pilot involving 445 volunteers who drove over 1 million miles while reporting mileage to the Fair Miles Program using various technologies and paying simulated per mile fee in lieu of paying motor fuel taxes. The project also evaluated other options to replace declining fuel tax revenue in the state and compared them to a RUC solution.</i>	Kary Witt - HNTB, Dawn Sullivan - OKDOT Room 214
	BREAKOUT - #36	
10:15 AM 11:00 AM	<i>Transportation Leaders Discuss: What Can Artificial Intelligence Do For Me and to Me? - A panel of senior transportation agency leaders will engage in a structured but unscripted discussion of their expectations and concerns about how artificial intelligence will affect their roles, and how they might achieve the most value from AI for themselves and their customers.</i>	Tracy Larkin Thomason - NVDOT, Ed Sniffen - HIDOT, Susan Martinovich - HNTB, Darin Westby - WYDOT, Brent Cain - AZDOT Room 213
11:00 AM 11:15 AM	Break	Grand Ballroom South and Foyer
	BREAKOUT - #37	
11:15 AM 12:00 PM	<i>Data-Exchange Platform to Support Regional Multi-Modal Safety, Reliability, and Mobility - The VDOT Data Exchange Platform (DEP) is a reliable and continuously updated data storage and exchange system that ingests hundreds of data feeds and makes them available via powerful real-time application programming interfaces (APIs) for stakeholders to utilize to support their individual use cases and needs. The DEP is a key component of the VDOT Regional Multimodal Mobility Program (RM3P) upon which all other program elements are built. This session will describe the needs, benefits, challenges, successes, and lessons learned from the development, deployment, and maintenance of the DEP.</i>	Nikola Ivanov - UMD CATT Lab Room 213
	BREAKOUT - #38	
11:15 AM 12:00 PM	<i>CM/GC Best Practices & Lessons Learned from I-25 North Express Lanes - One of the goals on this 5.5 mile, \$306M project was to develop real-world, transferable CM/GC Best Practices and Tools that could be implemented on future CM/GC projects throughout the state. This project had the unique opportunity of moving the same project team to the next segment of the corridor directly south of the previous widening to design and build an additional 6 mile, \$425M project, implementing after-action review findings immediately on a new project. The Colorado Office of the State Auditor completed its Alternative Delivery Contracting Methods audit in April 2023. This had several recommendations and findings which coincided with the kickoff of the new I-25 North Express Lanes CM/GC project and impacted the way CM/GC projects will be delivered moving forward.</i>	Ben Rowles - CODOT, Jess Hastings - Alfred Benesch & Company Room 214



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Wednesday July 10, 2024		
	BREAKOUT - #40	
11:15 AM 12:00 PM	<p>Streamlining ADA Compliance Verification: Mobile Technology and Python Automation for Public Infrastructure - Discover how to enhance ADA compliance verification for sidewalks, curb ramps, and pedestrian signals through innovative technology and Python automation. Explore the seamless integration of mobile applications, GPS devices, and custom Python scripts to expedite field data collection. Learn how this approach improves accuracy, reduces errors, and optimizes resource utilization, creating a more efficient and robust ADA compliance assessment.</p>	<p>Chris Segur, PE - Parsons, Sasan Daneshvar, PE - Parsons Room 216</p>
12:00 PM 1:15 PM	Delegate Lunch	Grand Ballroom South
1:15 PM 3:00 PM	Closing General Session AASHTO Awards & What's next for Nebraska and WASHTO	Grand Ballroom North