



2024 ITS
NEW MEXICO

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INVESTING IN SAFETY

**“Intelligent Solutions
for
New Mexico’s Roads”**

October 16, 2024

Marriott Uptown at Albuquerque, NM

AGENDA

7:00 AM – 8:00 AM	Registration - Meetings Northwest Vendor Networking Breakfast - Sponsored by Blynscy and Summit Traffic Solutions
8:00 AM – 8:40 AM	Welcome and Opening Remarks Jeremy Cok, President ITSNM; Ricky Serna, Cabinet Secretary NMDOT; Office of Representative Melanie Stansbury; Office of Senator Martin Heinrich; Office of Senator Ben Ray Lujan; Dewey Cave, Executive Director, Mid-Region Council of Governments
8:40 AM – 9:30 AM	FHWA Address - Martin Knopp, Associate Administrator for Operations, FHWA FHWA Presentation - John Schneeberger, Program Manager FHWA, ITS JPO
9:30 AM – 9:50 AM	Partner Demonstration - Presented by AT&T, Leslie Kachura
9:50 AM – 10:10 AM	Partner Demonstration - Presented by Miovision, Adelaide Denison
10:10 AM – 10:40 AM	Before Morning Break Door Prize Drawing - Sponsored by Aurora Vendor Networking and Morning Break - Sponsored by Lee Engineering and Southern Manufacturing
10:40 AM – 11:00 AM	After Morning Break Door Prize Drawing - Sponsored by Torc Partner Demonstration - Presented by Blynscy, Mark Pittman
11:00 AM – 11:20 AM	Partner Demonstration - Presented by Rekor, Mike Dunbar
11:20 AM – 12:00 PM	Presentation 1: Roadway Electrification - Don Linford, Aspire
12:00 PM – 1:15 PM	Lunch - Sponsored by 360 Network Solutions and Paradigm Golf Outing Recap - Chris Schroeder, RealTime Solutions ITS America Address - Bobby McCurdy, Senior Director of Policy and Advocacy ITS Champion Award Announcement ITS Project Award Announcement ITS Scholarship Announcement
1:15 PM – 2:30 PM	Panel Discussion - The Dimensions Toward Target Zero - Legislative Initiatives - Representative Dayan Hochman-Vigil - Programmatic Commitments to Safety, Regional Transportation Safety Action Plan - Julian Padilla, Mid-Region Council of Governments - Designing for Innovations to Safety in a Geo-Spatial Environment - Amber Knapp, ESRI - Operations in Relation to Safety - Nathan Wade, Flow Labs - Enforcement for Safety - Major Alexandar Rodriguez, New Mexico State Police - Behavioral Modification/ Education - Shea Saladee, HDR
2:30 PM – 3:00 PM	Before Afternoon Break Door Prize Drawing - Sponsored by TSPS Vendor Networking and Afternoon Break - Sponsored by Consolidated Traffic Controls, Inc. and ANM
3:00 PM – 3:45 PM	After Afternoon Break Door Prize Drawing - Sponsored by Bixby Electric Presentation 2: EV/AV Microtransit for Communities - Taylor Gygi, May Mobility
3:45 PM – 4:40 PM	Presentation 3: Transportation Initiatives in McKinley County, NM - Autonomous Vehicle Testing Facility Development - Bill Mackey, P.E., Kimley Horn - Hydrogen Fueling Hub Development - Casey McElroy, P.E., Kimley Horn
4:40 PM – 5:00 PM	Partner Demonstration - Presented by Srirama LLC, Suresh Parvatoja
5:00 PM – 5:05 PM	Election Results and Closing Grand Prize Drawing - Sponsored by AECOM
5:05 PM – 7:00 PM	Reception - Sponsored by MWI and Horrocks Entertainment by Le Chat Lunatique

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Jeremy Cok - President
Suresh Parvatoja - Vice President
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Chris Schroeder - Real Time Solutions, COO

The Intelligent Transportation Society of New Mexico (ITS NM) is a state chapter of ITS America. Membership is open to any interested individual or organization including government agencies, private companies, consultants, educational institutions, professional organizations, emergency responders, and not-for profit organizations.

VISION:

The Intelligent Transportation Society of New Mexico is an organization that believes innovative technologies can significantly improve the performance of our transportation system by 1) saving lives and 2) reducing congestion.

MISSION:

Mission: The mission of ITS New Mexico is to foster the application of ITS solutions in New Mexico by encouraging innovative ideas, supporting public-private partnerships, advocating ITS deployment, offering guidance to governmental decision makers, and encouraging interest and support of ITS in our state.

GOALS:

The Intelligent Transportation Society of America and ITS New Mexico are the leading advocates for technologies that improve the safety, security and efficiency of the nation's and New Mexico's surface transportation system. Our members include private corporations, public agencies, and academic institutions involved in the research, development and design of Intelligent Transportation Systems technologies that enhance safety, increase mobility and sustain the environment. Become a member. Visit our website at www.newmexicoits.com for more information.

EXTERNAL GOALS:

- Advocate ITS on behalf of our members
- Provide an exciting non-competitive forum for ITS information exchange among public, private, and academic sectors
- Partner with other industry associations
- Promote the development and expansion of ITS markets
- Promote collaboration among ITS stakeholders
- Advise the State Legislature, the NMOOT, and other governing bodies on ITS issues and advancements
- Provide training opportunities for our members
- Support research and ITS education

INTERNAL GOALS:

- Maintain a strong chapter structure
- Maintain a high level of ethics in all undertakings
- Maintain financial stability in all accounts
- Expand and diversify membership
- Provide services responsive to member needs
- Engage membership and potential membership in chapter activities
- Show leadership in regional and national ITS activities

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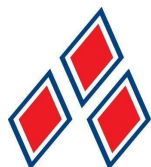
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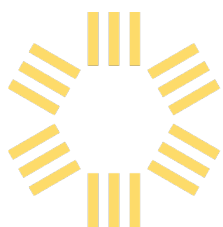
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The Vaisala logo consists of the word "VAISALA" in a bold, blue, sans-serif font. It is centered between two horizontal light blue bars.The Olsson logo features the word "olsson" in a lowercase, rounded, green font. A small registered trademark symbol (®) is located to the upper right of the word.The DriveWyze logo features the word "Drive" in blue and "wyze" in grey, both in a sans-serif font. Below it, the words "Safety Notifications" are written in a smaller, blue, sans-serif font.The Bohannon & Huston logo features the word "Bohannon" in blue, followed by a blue triangle icon, and then the word "Huston" in blue.The Parametrix logo features the word "Parametrix" in a bold, red, sans-serif font.

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SPEAKERS



Jeremy Cok

Jeremy Cok is the President of Intelligent Transportation Society (ITS) New Mexico. A recognized leader in transportation technology, Jeremy is dedicated to promoting the integration of intelligent systems that enhance the efficiency, safety, and sustainability of New Mexico's transportation networks. His work bridges the gap between innovation and practical application, helping the state advance smart transportation initiatives that benefit communities and improve mobility for all.



Ricky Serna

Ricky Serna serves as the Cabinet Secretary for the New Mexico Department of Transportation (NMDOT), where he oversees various aspects of transportation policy, infrastructure development, and project management within the state. With a strong commitment to enhancing New Mexico's transportation systems, Ricky focuses on improving safety, efficiency, and sustainability across all modes of transport. He advocates for innovative solutions that address the unique transportation challenges faced by New Mexico's diverse communities. Throughout his career, Ricky has emphasized collaboration with local governments and stakeholders to foster projects that contribute to economic development and community connectivity, ensuring that NMDOT meets the evolving needs of residents and businesses alike.



Martin Heinrich

Martin Heinrich has served as a U.S. Senator for New Mexico since 2013. A member of the Democratic Party, he is dedicated to issues such as renewable energy, public lands conservation, and economic growth. Heinrich's prior experience includes serving as a U.S. Representative and a member of the Albuquerque City Council, reflecting his commitment to serving New Mexico's diverse communities.

SPEAKERS



Ben Ray Luján

Ben Ray Luján is the U.S. Senator from New Mexico, serving since 2021. As a member of the Democratic Party, he focuses on issues such as renewable energy, healthcare access, and economic development. Luján previously represented New Mexico's 3rd congressional district and has a strong commitment to advancing policies that benefit New Mexican communities.



Melanie Stansbury

Representative Melanie Stansbury serves New Mexico's 1st Congressional District in the U.S. House of Representatives. A passionate advocate for science-based policymaking and sustainable development, Stansbury's work focuses on water, energy, and infrastructure, as well as addressing economic inequality and fostering equitable development in her district. With a background in environmental science and water management, she is committed to crafting policies that combat climate change, promote sustainability, and improve the quality of life for all New Mexicans.



Dewey Cave

Dewey Cave is the Executive Director of the Mid-Region Council of Governments (MRCOG). In this capacity, he oversees regional planning and coordination efforts that encompass transportation, economic development, and environmental initiatives across Central New Mexico. Dewey is committed to advancing multi-modal transportation networks and fostering regional collaboration to promote sustainable growth and economic vitality in the area.



Martin Knopp

Martin Knopp serves as the Associate Administrator for Operations at the Federal Highway Administration (FHWA). In this role, he is responsible for overseeing the deployment of operations strategies that improve the performance of the nation's highways. His expertise in traffic operations, emergency management, and connected vehicle technology has contributed to improving the safety and efficiency of transportation systems nationwide. With a long career in public service, Martin is a leading voice in the field of traffic operations and intelligent transportation systems.

SPEAKERS



John Schneeberger

John Schneeberger is a Program Manager for the Federal Highway Administration's Intelligent Transportation Systems (ITS) Joint Program Office (JPO). With over two decades of experience in transportation technology, John specializes in integrating advanced ITS technologies to improve transportation systems' efficiency, safety, and reliability. His leadership in the field focuses on deploying connected and automated vehicle systems, data management tools, and other innovative solutions to address modern transportation challenges across the U.S.



Leslie Kachura

Leslie Kachura is the Executive Director of Business Development at AT&T, specializing in the integration of advanced communication technologies in transportation systems. With over 15 years of experience in the industry, she leads initiatives to enhance connectivity and data solutions that improve safety and efficiency in mobility.



Adelaide Denison

Adelaide Denison is a key figure at Miovision, a company that provides smart traffic solutions to improve urban mobility and safety. Her expertise lies in developing and implementing technologies that leverage data to optimize traffic flow, reduce congestion, and enhance road safety. Through her work at Miovision, Adelaide is helping cities and transportation agencies adopt intelligent traffic management systems that are both sustainable and effective.



Mark Pittman

Mark Pittman is the Chief Technology Officer at Blynco, focusing on innovative software solutions for smart transportation. With a strong background in engineering and technology, he has developed data-driven systems that enhance traffic efficiency and safety. Pittman collaborates with municipalities to implement real-time monitoring solutions, driving advancements in urban mobility and sustainable practices.

SPEAKERS



Mike Dunbar

Mike Dunbar is the Director of Sales at Rekor, specializing in intelligent transportation solutions that enhance public safety and efficiency. With a strong engineering background, he leads initiatives to implement advanced analytics and vehicle recognition technologies. Dunbar collaborates closely with government agencies to modernize transportation systems and improve roadway safety through innovative data solutions.



Don Linford

Don Linford is the Vice President of Engineering at Aspire, where he drives innovative solutions in roadway electrification and smart infrastructure. With a strong background in electrical engineering, Linford focuses on integrating sustainable technologies that enhance the efficiency and safety of transportation networks. His leadership is instrumental in advancing initiatives that support the transition to electric and automated vehicles.



Chris Schroeder

Chris Schroeder is a senior leader at RealTime Solutions, where he focuses on developing cutting-edge technology solutions for intelligent transportation systems. Chris's work includes helping organizations leverage data and technology to improve mobility, enhance transportation efficiency, and drive innovation in traffic management. His expertise lies in connecting real-time solutions with practical applications to address the evolving challenges of modern transportation.



Bobby McCurdy

Bobby McCurdy is the Senior Director of Policy and Advocacy at ITS America, where he focuses on advancing intelligent transportation systems and related policies. With a strong background in transportation and infrastructure, he advocates for innovative solutions that enhance mobility and safety across the nation. His work involves engaging with policymakers and stakeholders to promote effective transportation technologies.

SPEAKERS



Dayan Hochman-Vigil

Representative Dayan Hochman-Vigil is a prominent legislator in New Mexico, representing a diverse constituency with a focus on infrastructure, transportation, and community development. As a member of the New Mexico House of Representatives, she advocates for policies that enhance public safety and improve transportation systems across the state. Dayan is known for her commitment to addressing the unique challenges faced by her community, including issues related to sustainable development and innovative transportation solutions. With a strong background in public policy and community engagement, she works to ensure that legislative initiatives reflect the needs and aspirations of her constituents, promoting collaboration among stakeholders to achieve shared goals in mobility and infrastructure improvement.



Julian Padilla

Julian Padilla is a transportation planner at the Mid-Region Council of Governments (MRCOG), where he works on regional transportation initiatives that support sustainable growth and enhanced mobility. His expertise in transportation planning and policy development has helped shape key initiatives aimed at improving transit options, reducing congestion, and promoting environmentally friendly transportation solutions in the region.



Amber Knapp

Amber Knapp is a senior figure at Esri, where she specializes in using geographic information systems (GIS) to enhance transportation systems and improve decision-making in urban planning. Her work focuses on applying spatial analytics to optimize transportation networks, enhance public safety, and support infrastructure development. Amber's expertise in GIS helps transportation agencies unlock the potential of data to create more efficient and sustainable mobility solutions.



Casey McElroy

Casey McElroy, P.E. is a Professional Engineer at Kimley-Horn, specializing in infrastructure development projects focused on hydrogen fueling hub development. With a commitment to sustainable transportation solutions, Casey's expertise lies in designing innovative systems that enhance energy efficiency and promote environmentally friendly technologies.

SPEAKERS



Nathan Wade

Nathan Wade is a key leader at Flow Labs, a company that develops AI-driven solutions for optimizing traffic flow and improving transportation infrastructure. Nathan's work focuses on integrating real-time data and machine learning into transportation systems to enhance traffic management, reduce congestion, and improve safety. His innovative approach is helping cities and agencies create smarter, more adaptive transportation networks.



Shea Saladee

Shea Saladee is a dedicated professional in the field of transportation and infrastructure planning, currently serving as a leader at HDR. With a strong focus on integrating technology and innovation into transportation systems, Shea is known for driving projects that enhance the efficiency and safety of urban mobility. Her work often involves collaboration with various stakeholders to develop solutions that address complex transportation challenges. Shea holds a degree in Civil Engineering and has contributed to multiple high-impact projects that leverage data analytics and smart transportation technologies to improve community connectivity and sustainability. She is recognized for her commitment to fostering safe and efficient transportation networks and is an advocate for using innovative practices to shape the future of mobility.



Bill Mackey

Bill Mackey, P.E. is a professional engineer with extensive experience in infrastructure planning and development, particularly focused on autonomous vehicle testing and innovative transportation solutions. At Kimley Horn, he has led projects that are shaping the future of mobility, including the development of cutting-edge facilities designed for autonomous vehicle testing. Bill's work spans across various public and private sector projects, demonstrating a commitment to advancing smart transportation systems that improve safety, efficiency, and sustainability in urban environments. He holds a leadership role in pushing forward hydrogen fueling hubs and other green initiatives to meet the demands of future infrastructure needs.

SPEAKERS



Alexander Rodriguez

Major Alexander Rodriguez serves with the New Mexico State Police, where he plays a pivotal role in managing public safety initiatives related to transportation. With extensive experience in law enforcement and emergency management, Major Rodriguez focuses on improving road safety through data-driven strategies and partnerships with transportation agencies. His leadership is instrumental in advancing New Mexico's efforts to reduce traffic incidents and ensure safer travel for all road users.



Taylor Gygi

Taylor Gygi is a licensed Professional Engineer (P.E.) with experience in roadway design, working primarily with Kimley-Horn's Dallas office since 2014. A graduate of New Mexico State University, Taylor has been involved in various transportation projects, including rural and urban initiatives for TxDOT (Texas Department of Transportation) and municipal roadway developments. Taylor earned his Texas P.E. license in 2019 and has since gained pre-certifications in multiple TxDOT work categories. He is also familiar with the TxDOT Local Government Letting Process and is licensed to practice engineering in both Texas and New Mexico. Taylor's expertise in infrastructure projects continues to shape the future of transportation in the Southwest.



Suresh Parvatoja

Suresh Parvatoja is the CEO of Srirama LLC, a company that specializes in advanced technology solutions for transportation and logistics. With a background in engineering and management, Suresh has been instrumental in leading projects that integrate intelligent systems into transportation infrastructure, helping to improve traffic management, safety, and operational efficiency. His leadership is paving the way for innovative solutions that transform how cities manage their transportation networks.

AGENCY UPDATES

City of Las Cruces, NM Agency Update

1. Expansion and upgrade of fiber optic network
2. Updating the fiber optic network master plan including fiber assignment changes
3. Developing the city-wide master network plan
4. Wireless network expansion and upgrade (radio equipment) for traffic signals
5. Installation of HAWK signals and RRFPs
6. Design/construction of new traffic signals for Texas Diamond interchange
7. Implementation of traffic signal asset management implementation (Econolite MMS)
8. Implementation of new intelligent street lighting control system (Itron)
9. Implementation of new preemption system (GIS based Econolite Priority)
10. Traffic signal equipment upgrades
11. Installation of new radar traffic data collection unit
12. Upgrade and installation of detection system for vehicle and pedestrian on crosswalks (video and radar)
13. Upgrade and installation of surveillance cameras for Traffic and Police
14. Upgrade of travel time data collection system (BlueTOAD)
15. Upgrade access switches and standardization of network switch configurations/assignment

City of Rio Rancho, NM Agency Update

The City of Rio Rancho is systematically upgrading our existing signal system city-wide with Cobalt advanced traffic signal controllers, new and upgraded CCTV's, upgraded detection systems with lane by lane detection to support SPMs, and an expanded wireless network (radio equipment) for traffic signal communications. Centrac's Mobility ATSPM's were recently implemented NM528 from Northern Blvd to Westside Blvd. Street lighting on arterial corridors throughout the City have been upgraded with LEDs and smart node technology that allows for remote control, dimming, auto detection of outages, and power loss.

AGENCY UPDATES

Mid–Region Council of Governments / Mid–Region Metropolitan Planning Organization Agency Update

The ITS Subcommittee (ITS SC) is facilitated by the MRCOG/MRMPO for ITS planning-related issues and is comprised of regional ITS Stakeholders within the AMPA including Bernalillo County, NMDOT District 3/ITS/GO, City of Rio Rancho, City of Albuquerque, ABQRide. The ITS SC coordinates with the Congestion Management Process committee, the Traffic Monitoring Program, and all other groups in support of federally mandated programs for project planning and coordination as well as data collection and analysis. Over the past year, notable actions included an update of the committee's TSMO project activity, continuation with the Albuquerque Incident Management Plan (ATIM), specifically the sub-phase acquisition and installation of inter-agency enabling signal software, and detailed signal flush plans on routes identified in the ATIM. We also completed the update of the ITS GIS Infrastructure data to 2023 and posted the information to the ITS SC Webpage.

New Mexico Department of Transportation ITS Bureau Agency Update

The I-10 Truck Parking Availability System (TPAS) has been in operation since early in 2024 and provides information on available commercial vehicle parking at the following rest areas on I-10 within New Mexico: Lordsburg Welcome Center, Yucca Rest Area, Gage Rest Area, Las Cruces Scenic Overlook, and the Anthony Welcome Center. The TPAS system was implemented as part of a coalition with neighboring states including California, Arizona, and Texas. New CCTVS were installed on I-25 at Springer and are in construction on US 64 in Angel Fire and on US 60 near Tres Piedras. New RWISs were installed on NM 38 at Bobcat Pass and on I-25 at Raton Pass. DMSs are in construction on US 60 at Tres Piedras, NM 68 near Ohkay Owingeh, US 64 in Angel Fire, NM 14 in Cedar Crest, and on US 64 in Angel Fire. ITS conduit is currently being installed on the following projects, which will allow for future ITS fiberoptic communications: US 64 for a tenth of a mile west of Angel Fire at the Palo Flechado Pass, US 285 for eight miles in Tres Piedras, and on US 64 for eight miles west of Shiprock. Projects are in design with numerous consultants for statewide ITS conduit expansions and the designs will be completed to the pre-PS&E design stage. The ITS Bureau is developing a work zone special provision that will aid in traffic control operations during construction. A pilot is underway to equip nine snowplows with automatic vehicle locators (AVLs) for the upcoming winter season, this will potentially expand on the AVL system that is currently in use on the help trucks in District three. A Transportation Systems Management and Operation (TSMO) Plan and Rural ITS Plan are in development and will be completed in August of 2025. An ITS Architecture update is underway that will consolidate many of the ITS Architectures in New Mexico into a Statewide ITS Architecture.

EXHIBITORS



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