2025 NCSITE ANNUAL MEETING AGENDA

7:30 - 8:30 AM — **Registration**

8:30 - 9:45 AM — **Opening Session**

Opening Remarks: Mike Reese, PE, NCSITE President
Council and User Group Updates: Mike Reese, PE, NCSITE President
Strategic Iniatives Panel Introduction and Moderator: Joe Hummer, PhD, PE, SIC Chair
Strategic Iniatives Panel Discussion: Legislation and Policy Changes of 2025

9:45- 10:00AM — ***Morning Break - Sponsored by***

		1A	1B	1C
Session 1		**Storms, Stadiums, and Shutdowns: Transportation Under Pressure** ***Moderator:*** ***Zachary Bugg, PhD, PE, Kittelson & Associates***	**Innovations in Freight Modeling and Urban Mobility** ***Moderator:*** ***Mike Surasky, PE, PTOE, Dewberry Engineers***	**Designing for Multiple Priorities: Integrating Pedestrian, Bicycle, and Transit Design Elements** ***Moderator:*** ***Zachary Hallock, PE, AICP, McAdams***
10:00- 11:30 AM	*Presentation 1*	Assessing Essential Service Accessibility Resilience Following Hurricane Helene: A Parcel-Level Analysis of Recovery Patterns in Western North Carolina *Presenters: Venktesh Pandey, PhD, NC A&T; Komal Gulati, NC A&T*	Truck Parking Solutions using Reservation and Facility Location: A North-Carolina Case Study *Presenters: Komal Gulati, NC A&T; Venktesh Pandey, PhD, NC A&T*	Incorporating Pedestrian and Bicycle Safety in Design Decisions Via the TDOT 20 Flags Guide *Presenter: Andrew Ooms, PE, PTOE, RSP, Kittelson & Associates, Inc*
	Presentation 2	Best Practices for Natural Disaster Infrastructure Recovery to Inform Hurricane Helene Recovery Strategy in Western North Carolina *Presenters: Tim Brock, AICP, ITRE; Mary Warren, ITRE*	Integrating Freight and Service Trip Generation into Urban Transportation Decision-Making *Presenter: Carlos Gonzalez-Calderon, PhD, UNC Charlotte*	Pedestrian Design Options at RCIs and Thru Cuts *Presenter: Gilbert Chlewicki, PE, BES Inc*
	Presentation 3	The Belichick Effect: A Proactive Approach to Adapting Gameday Operations as a Result of a Football Coach Hire *Presenters: Nathan Rhomberg, PE, Kimley-Horn; Nathan Butler, PE, Kimley-Horn*	Modeling Freight Mode Choice: A Multinomial Logit Approach with Empirical Calibration *Presenter: Md Abdullah Al Hasan, NC State*	RUS Bus: Balancing Competing Interests in Transit Facility Design *Presenter: Betty White, PE, Kimley Horn*
	Presentation 4	Big Beam Weekend – Closing the Capital Beltway Inner Loop in Virginia for an Entire Weekend *Presenters: Jerry Mrykalo, PE, PTOE, DBIA, Dewberry; Shelley Wynne, PE, PTOE, RSP1, Dewberry*	AAM Planning for Local NC Communities *Presenters: Jason Schronce, PE, NCDOT Aviation; Alex Rotenberry, AICP, NCDOT Aviation*	Charlotte ThinkBike Workshop: Bring the Dutch Cycling Expertise to Challenging Urban Arterials for a People First Approach *Presenters: Lyuba Zuyeva, AICP, VHB; Dave Campbell, City of Charlotte*
11:30 - 1:15PM	**Lunch**	**Sponsored By:** Word of Thanks: Todd Brooks, Mentoring Program Oversight Committee Chair Recognition of Past Presidents: Mike Reese, PE, NCSITE President President's Message: Mike Reese, PE, NCSITE President Presentation of Awards: Carrie Simpson, PE, NCSITE Awards Committee Chair Scholarships: Ty Parham, NCSITE Section Director and Scholarship Committee Chair Mentorship Program: Todd Brooks, Mentoring Program Oversight Committee Project Award Presentation Introduction of 2026 Board of Directors: Stephen Bolt New Board Oath: Stephen Bolt New President's Message: Sravya Suryadevera, PE, NCSITE President 2026			

1:15- 1:30PM — ***Short Break***

		2A	2B	2C
Session 2		**Advancing Roadway Safety: Data-Driven Strategies for Protecting All Users** ***Moderator:*** ***Josh Reinke, PE, Bolton & Menk, Inc.***	**Reimagining the Crossroads: Smarter Interchanges and Intersections** ***Moderator:*** ***Sarah Wicklund, PE, Patriot Transportation Engineering, PLLC***	**Innovations in Traffic Signal Management and Mobility Analytics** ***Moderator:*** ***Lauren Triebert, PE, VHB***
1:30-3:00 PM	*Presentation 1*	Fast & Dangerous: Engineering Solutions to Reckless Driving *Presenter: BenJetta Johnson, PE, NV5*	Innovative Intersections and Interchanges: Adaptive Technology for the Diverging Diamond Interchange *Presenters: Marissa Tarallo, PE, PTOE, AKRF; William McElroy, AKRF*	Modernizing Signal Timing: Insights from NCDOT's Data-Driven Pilots *Presenters: Nathan Butler, PE, Kimley-Horn; Molly Burke, PE, Kimley-Horn*
	Presentation 2	Enhancing Bicycle and Pedestrian Safety: Leveraging Near-Miss Data Along GDOT Corridors *Presenters: Christy Jeon, PE, AICP, AtkinsRealis; Steven Hollenkamp, Quality Counts*	A New Directory of 85 Grade-Separated Intersections *Presenter: Joe Hummer, PhD, PE, NCDOT*	PBSPMs vs. ATSPMs: Choosing the Right Tool for Modern Signal Management *Presenters: Nathan Wade, Flow Labs; Joshua Wendt, EI, Exult Engineering*
	Presentation 3	Systemic Safety Prioritization of Vulnerable Road Users Using Predictive and Spatial Risk Models: A Virginia Case Study *Presenter: Faria Amin, PE, AICP, UNC Charlotte*	Developing a Crash Modification Factor for Converting from an At-Grade Intersection to a Diamond Interchange *Presenters: Meghna Chakraborty, PhD, UNC Highway Safety Research Center; Wesley Kumfer, PhD, UNC Highway Safety Research Center*	Big Data for Big Problems: Novel Uses of Big Data to Project the Future *Presenter: Andrew Babb, PE, AICP, Bolton & Menk*
	Presentation 4	Creating Safety Initiatives in all Aspects of Transportation *Presenter: Shannon Bonilla, PE, Dewberry Engineers*	Turning Left, The Right Way – New Median U-Turn and DDI in Huntersville *Presenter: Alex Wiseman, PE, STV Engineers, Inc.*	WiLDash: Develop and Pilot a Web-GIS Dashboard for Wi-Fi Log Data Processing and Analysis for Human Mobility *Presenters: Lei Zhu, UNC Charlotte; Qingrong Yang, UNC Charlotte*

3:00- 3:30 PM — ***Afternoon Break -***

		3A	3B	3C
Session 3		**AI, Drones, and Connected Vehicles: Next-Gen Transportation Tools** ***Moderator:*** ***Andrew Ritter, PE, HDR***	**From Data to Delivery: Rethinking Transportation Solutions** ***Moderator:*** ***Eric Lamb, PE, FITE, STV, Inc.***	**Breaking News! Updates on Trip Generation, Safety, and Design Tools** ***Moderator:*** ***Kevin Lacy, PE, Exult Engineering***
3:30 - 5:00 PM	*Presentation 1*	Using AI at midblock, school, and trail crossings *Presenter: Roger Brook, ConnVAS*	A Multidisciplinary Approach to Customer Service Evaluation in State Transportation Systems *Presenters: Mohammad Ashraf Ali, NC A&T; Fahim Kafashan, NC State*	ITE Trip Generation Manual Update Overview and NCDOT Congestion Management Updates *Presenters: Mike Reese, PE, CPM, NCDOT - Congestion Management; Elise Groundwater, NCDOT - Congestion Management*
	Presentation 2	The use of drone technology in traffic signal retiming *Presenters: Tarcisio Muratori, PE, AMT Engineering; George Lilja, EIT, AMT Engineering*	Data is NOT the final answer! *Presenter: Timothy Tresohlavy, AICP, GISP, Bolton & Menk Inc.*	What Do You Do When It Is Not In The Book? *Presenter: David Hyder, PE, J.M. Teague Engineering & Planning*
	Presentation 3	Exploring E-Scooter First-and-Last-mile Connection Travel Patterns and Transit Ridership Impact *Presenters: Rachael Yuan, UNC Charlotte; Lei Zhu, PhD, UNC Charlotte*	White Oak Roundabout Delivery *Presenter: Jonathan Reid, PE, PTOE, Arcadis*	NCDOT Safety Countermeasure Tools *Presenters: Thomas Chase, PE, NCDOT; Kendra Klemann, NCDOT*
	Presentation 4	Preliminary Evaluation on Impact of the Multimodal Connected Vehicle Pilot on Traffic Efficiency: A Raleigh Case Study Using Probe Data *Presenters: Dezhong Xu, NC State; Chris Cunningham, PE, ITRE*	Horses, Banks, and Mobility Hubs? *Presenter: Kate Cavazza, Kimley-Horn*	Best Practices for Mini and Modular Roundabouts *Presenter: Zachary Bugg, PhD, PE, Kittelson & Associates, Inc.*
5:00 - 7:00 PM	**Reception**	**Sponsored by** Social Silent Auction Lori Cove Fundraiser		
		Blue Room (Grumman Auditorium)	**Green Room (Dogwood)**	**Red Room (Redbud)**
Multiple Breaks	**Refreshments**	**Blueberry Hill Room**		

All Day	**Exhibitors**	**Lobby**
11:30-1:15	**Lunch**	**Trillium Room**