

WAVE agenda - November 13, 2025

Location: Hill Farms State Office Building, Madison, WI

Room: South 149

Topic: Vehicle Telematic Probe Data

Vehicle telematic data is a nascent technology with potentially revolutionary impacts in operations, mobility, and safety. Most people are unaware it exists. There is little known about the best applications to create benefits for users. This meeting is intended to identify potential applications that may benefit stakeholders and accelerate the uses of this significant new technology.

AGENDA			
		Topic	Speaker / Facilitator
8:40 AM	20 min	Registration and continental breakfast	
9:00 AM	5 min	Open Meeting	Joel Nilsestuen, Assistant Deputy Secretary, Wisconsin Department of Transportation
9:05 AM	5 min	Agenda and Workshop process	Lea Collins-Worachek, WisDOT, DBSI administrator
9:10 AM	5 min	CAV Transportation Guide Update: <ul style="list-style-type: none">Structure, status, and format	Brad Basten, WisDOT DBSI -Strategic Initiatives
9:15 AM	15 min	Voices of the WAVE (3 min each) <ul style="list-style-type: none">News or updates shared by WAVE members	WAVE members
9:30 AM	65 min	Vehicle telematics probe data – What is it? <ul style="list-style-type: none">What is Vehicle Telematic Probe DataCurrent telematics examples and applicationsPrivacy protocols in data collection and analysis Traffic Operations integration of vehicle telematic data <ul style="list-style-type: none">Stand-alone data VS infrastructure with On-Board Unit (OBU) radios and Road Side Unit (RSU) radio infrastructure, One-way MAP, SPaT, and TIM messagesPotential data applications in operationsCost structures – snapshot, historical, real-time, targeted coverage or statewide Questions (15 min)	Dr. Xioapeng Li, Director, Connected & Autonomous Transportation Systems (CATS) Laboratory University of Wisconsin-Madison Todd Szymkowski, Statewide Traffic Systems Engineer, WisDOT Bureau of Traffic Operations
10:35 AM	10 min	How could this data be used in the field <ul style="list-style-type: none">Examples of types of applications that are using telematics vehicle probe data	Brad Basten, WisDOT DBSI -Strategic Initiatives

10:45 AM	50 min	Workshop discussion – What does vehicle data tell us about transportation? <ul style="list-style-type: none"> Question: Vehicle telematic data provided by road users, how are they related? What applications using vehicle data could help them? 	Table top discussions with WisDOT facilitators
11:35 AM	35 min	Workshop discussion – Potential applications Benefits to stakeholders: <ul style="list-style-type: none"> Question: From previous data/user relationship- What kind of protocols are needed to advance the use of telematics data transportation? 	Table top discussions with WisDOT facilitators
12:10 PM	45 min	Lunch	
12:55 PM	30 min	Privacy and Policy <ol style="list-style-type: none"> Personally Identifiable Information (PII) Regulatory and legal frameworks Data minimization and anonymization User consent and transparency Privacy design and security Industry standards: What are other states doing? Questions: 10 min	Frank Douma, Director of State & Local Policy and Outreach Institute for Urban and Regional Infrastructure Finance, Hubert H. Humphrey School of Public Affairs, University of Minnesota
1:25 PM	30 min	Privacy discussion Questions: <ul style="list-style-type: none"> How do privacy concerns affect users' willingness to provide data from their vehicles? How does this affect potential transportation and safety applications? Ideas to address privacy policy and data sharing attitudes in different transportation sectors? 	Table top discussions with WisDOT facilitators
1:55 PM	30 min	Report-outs: Highlights from tables	Table reporter
2:25 PM	20 min	Overall discussion of the future of telematics	Room discussion moderated by Brad Basten
2:45 PM	5 min	Recap meeting discussion Close-out	Lea Collins-Worachek, WisDOT, DBSI administrator