

## MEETING NOTES

### Iowa Advisory Council on Automated Transportation (ATC)

#### Policy & Legislation Subcommittee Meeting

Thursday, March 13, 2025

2:30 – 3:30 p.m. CT

#### Action Items:

- Inform Cheryl about your dietary needs if you plan to attend the ATC meeting on April 29<sup>th</sup> at the Iowa Culinary Institute at DMACC.
- Send AV deployment related questions or concerns to Matt or Cheryl prior to April 20<sup>th</sup>.

#### Attendance – 10 attendees

- Dylan Mullenix – Des Moines Area MPO Executive Director, Policy & Legislation Subcommittee Chair
- Travis Grassel – Iowa Insurance Division
- Len Murray – Des Moines Area MPO
- Abbie Christophersen – Iowa EDA
- Skylar Knickerbocker, Neak Hawkins – Iowa State University
- Omar Ahmad, Daniel McGehee, and Cheryl Roe – Driving Safety Research Institute (DSRI), University of Iowa
- Matt Miller – Iowa DOT

#### 1. Welcome and introductions – *Dylan Mullenix, Policy & Legislation Subcommittee Chair*

- a. Dylan welcomed everyone and briefed the group on the meeting guidelines and provided an overview of the agenda.
- b. The committee's last meeting was held on October 2, 2024. Len Murray, a Pleasant Hill City Council Member and a Des Moines Area MPO member, was welcomed as a new subcommittee member. Matt shared updates on potential AV developments, the formation of an AV Deployment Working Group, the Iowa DOT automated transportation webpage, and meetings with Texas DOT, City of Austin, and the Ministry of Ontario regarding AV deployments. DSRI provided updates on potential ADS projects.

#### 2. Subcommittee Updates - *Dylan Mullenix*

- a. NHTSA has proposed the [Automated Driving Systems-Equipped Vehicle Safety, Transparency, and Evaluation Program](#) (AV STEP). This program outlines a voluntary framework for evaluating and overseeing motor vehicles with automated driving systems (ADS). It aims to establish a national framework under NHTSA's oversight, enhancing public transparency regarding the safety of ADS-equipped vehicles and supporting responsible development of this technology. Key components include application procedures requiring independent assessments of ADS safety processes and adherence to industry standards, guidelines for participation, public reporting, and program administration, and reporting requirements mandating periodic and event-triggered reports. The proposed rule is open for comments until March 17, 2025.
- b. Iowa Senate File 532 (formerly SSB1192) addresses motor vehicle glass repair, replacement, and insurance, including penalties and applicability provisions. A key

section has been added for vehicles equipped with Advanced Driver Assistance Systems (ADAS), requiring repair shops to notify insured people if ADAS calibration or recalibration is needed after windshield repair or replacement. Shops must inform whether they intend to calibrate or recalibrate the ADAS according to manufacturer specifications, and if not, advise the insured to visit a certified dealership or specialist. Additionally, shops must notify the insured of the success of any calibration or recalibration performed, and if unsuccessful, the insured should seek assistance from a certified dealership or specialist. This bill was approved on March 6, 2025.

- c. Dylan shared an Insurance Institute for Highway Safety (IIHS) compiled list of states with laws related to automated vehicles (as of March 2025). The list included states with AV provisions for deployment, testing, vehicle-specific regulations, operator licensing and requirements, and liability insurance.
  - Travis Grassel noted the value of sharing this information with team members and mentioned ongoing discussions about new laws at both state and national levels. He highlighted that vehicle replacement and calibration costs are rising, impacting the insurance market. Additionally, potential tariffs and supply chain issues could complicate matters, affecting consumer insurance prices.
  - The link was shared in the chat but the link is no longer active.

### **3. AV Deployment Working Group Update – Matt Miller**

- a. The council established an AV Deployment Working Group in November 2024 to support and oversee AV deployment efforts. The group includes leadership from the Des Moines Metro Planning Organization, Iowa State Patrol, University of Iowa, Iowa Economic Development Authority, Iowa DOT Motor Vehicle Department, Iowa DOT Outreach and Development, and members from an AV company. The working group held two meetings, sharing information while an AV company maintained discretion over proprietary details. Meetings will continue after the ATC meeting in April.
- b. During the meetings, the AV company responded to questions related to their safety case, their deployment process, and their first responder interaction plans. The group discussed the need for clear communication plans that can be shared with stakeholders to ensure a unified message.
- c. The Iowa DOT facilitated first responder and city manager AV first responder education training sessions in collaboration with Iowa State Patrol, Warren, Polk, and Dallas County Sheriff's Offices, scheduled for April 22-24. Additional invitees include Iowa DOT traffic operations, traffic management center leadership, highway helper personnel, District 1 engineer office leadership, highway maintenance supervisors, and DSRI. This initial training is the first of many, with safety drivers planned for months, indicating a continual effort between the AV company and the communities.
- d. Group meetings will continue after the ATC meeting in April.

### **4. Other Updates – Matt Miller**

- a. Matt shared the new Iowa DOT Automated Vehicle webpage, which will go live to the public in April. The key new piece is the Frequently Asked Questions (FAQ) page,

compiled from questions asked in Iowa and other FAQs across the country. The questions are categorized into General Overview, Iowa DOT-Specific Initiatives, Law Enforcement & Public Safety, Registration and Certification, Freight and Agriculture, Technology and Infrastructure, Public Engagement and Privacy, Future of Automated Transportation and Key Legislation & Resources. This list is still in development.

- b. Matt informed the group about his upcoming attendance at the [NCRHP Connected and Autonomous Vehicle State Peer Exchange](#) and the City of Austin AV stakeholder meeting. The peer exchange will gather individuals from various states to discuss connected and automated vehicles and infrastructure. The Austin group, like ATC, currently has several AV deployments. Matt has numerous questions regarding their deployments and meeting processes. Austin is set to be the test bed for Tesla's full self-driving vehicles in June. He plans to report back on the emergency response training, the NCHRP project, and the Austin AV stakeholder meeting during the April 29th meeting.
- c. [Autonomous Vehicle \(AV\) Crashes](#) is a global database developed by researchers at the [Transport Research Centre](#) to map and visualize AV accidents worldwide. It aims to provide reliable, accessible information on AV collisions to enhance public understanding of AV safety. The database is continuously updated with data from public sources like the California DMV, reviewed and verified by researchers. Errors are corrected when identified, and feedback is welcomed to ensure accuracy. The database is interactive and provides details about each incident.
- d. Matt shared details about the upcoming ATC meeting that will be held on April 29th from 10:00 am to 1:00 p.m. An AV company will be given about an hour to present and answer questions. A truck will be onsite for viewing and additional questions. A presentation will be provided during lunch.
  - If you plan to attend in person, make sure to complete the survey about dietary restrictions. Matt requested that subcommittee members send questions for the AV company to himself or Cheryl in advance.

## **5. AV Deployment Discussion – Matt Miller**

- a. Omar Ahmad inquired about available resources to learn more about AV deployment plans. Matt provided a summary and suggested that this question would be further explored at the April meeting.
- b. Dan McGehee began a discussion highlighting the importance of proactive public communication and thorough documentation. This allows all parties involved to deliver clear and consistent messages to the public. Key topics brought up by the group include:
  - safety protocols,
  - deployment process,
  - definitions,
  - insurance information,
  - roles and responsibilities of public agencies versus the AV company,
  - first responder interaction plans,
  - automation levels
  - points of contact.

- c. Len Murray requested that AV companies provide a first responder guide and/or a 30-45 minute training video. This would ensure all first responders, including law enforcement, fire, EMS, and emergency dispatchers, have access to necessary information. This approach would help accommodate varying staff schedules. Cheryl Roe supported Len's idea and added that hands-on demonstrations with AVs could be beneficial. This was a topic brought up at the recent Lifesavers Conference.
- d. Cheryl asked if there would be a way for the public to report nuances. Matt mentioned that this idea is being considered. He is eager to proceed with the idea, noting Austin's valuable experience. Cheryl added that the fire chief at Lifesavers appreciated the open communication with AV companies, which has resolved past issues.

## **6. Upcoming Meetings**

- a. **Public Safety & Enforcement Subcommittee Meeting** – Friday, March 28, 2025
- b. **Economic Development & Infrastructure Readiness Joint Subcommittee Meeting** – TBD
- c. **Iowa Advisory Council on Automated Transportation Meeting** – Tuesday, April 29, 2024, from 10:00 a.m. – 1:00 p.m. In-person meeting to be held at the Des Moines Area Community College Culinary Institute. Virtual option will be available.



# ATC SUBCOMMITTEE MEETING

Policy &  
Legislation Subcommittee  
Meeting  
March 13, 2025

## Automated drive

Destination: 50° 43' 50.34" N - 6° 10' 55.294" E  
Arrival: 08:55 pm - Distance 783 miles

TCP/IP: 192.56.327.684.1  
SYNC: **enabled** | Sensors: **active** | Cameras: **active**

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# MEETING AGENDA

- 1. Welcome, Introductions, and Subcommittee Update** – Dylan Mullenix, Policy & Legislation Subcommittee Chair
- 2. AV Deployment Working Group Update** – Matt Miller, Iowa DOT
- 3. AV Deployment Discussion** – Matt Miller, Iowa DOT
- 4. Other Updates** – Matt Miller, Iowa DOT
- 5. Upcoming Meetings**
  - a. Public Safety & Enforcement Subcommittee Meeting – Friday, March 28
  - b. Economic Development & Infrastructure Readiness Subcommittee Meeting – TBD
  - c. Iowa Advisory Council on Automate Transportation Meeting – Tuesday, April 29 from 10:00 a.m. – 1:00 p.m., hosted at the [Iowa Culinary Institute at DMACC](#), virtual option available.



# WELCOME AND INTRODUCTIONS

Dylan Mullenix –  
Policy & Legislation  
Subcommittee Chair





# POLICY & LEGISLATION SUBCOMMITTEE UPDATES

Dylan Mullenix – Policy and Legislation Subcommittee Chair





# POLICY AND LEGISLATION SUBCOMMITTEE UPDATES

**Last meeting: October 2, 2024**

- New Members: Len Murray, City of Pleasant Hill Council Member
- Iowa DOT website update
- AV deployment update
- Meeting summaries with city and states deploying AVs
- DSRI future projects

# POLICY AND LEGISLATION SUBCOMMITTEE UPDATES

**NHTSA proposed rule:** [Automated Driving Systems-Equipped Vehicle Safety, Transparency, and Evaluation Program](#) (AV STEP)

- Voluntary national framework for evaluation & oversight of ADS vehicles
- Key components:
  - Application procedures
  - Participation and reporting
  - Reporting requirements
- Open for comments until March 17, 2025

# POLICY AND LEGISLATION SUBCOMMITTEE UPDATES

## Iowa Senate File 532 (formally SSB1192)

- Glass repair, replacement, and insurance, making penalties applicable, and including applicability provisions.
- Advanced Driver Assistance Systems (ADAS) equipped vehicles
  - Calibration needs
  - Calibration intentions
  - Calibration Results
- Approved March 6, 2025



# POLICY AND LEGISLATION SUBCOMMITTEE UPDATES

## IIHS List of Autonomous Vehicle Laws

<https://www.iihs.org/topics/advanced-driver-assistance/autonomous-vehicle-laws>

- 37 states have a law/provision
- What type of driving automation on public roads does the law/provision permit?
- Does the driving automation provision...
  - Require and operator to be licensed?
  - Require and operator to be in the vehicle?
  - Require liability insurance?

# AV DEPLOYMENT WORKING GROUP UPDATE

Matt Miller – Iowa DOT



# AV DEPLOYMENT WORKING GROUP UPDATE

- Group members
  - Iowa DOT
  - Driving Safety Research Institute, University of Iowa
  - Iowa State Patrol
  - Des Moines Area MPO
  - AV company
- Group meetings: 11/14/24 and 01/17/25
- Education sessions
- What's next?





# AV DEPLOYMENT DISCUSSION

Matt Miller – Iowa DOT

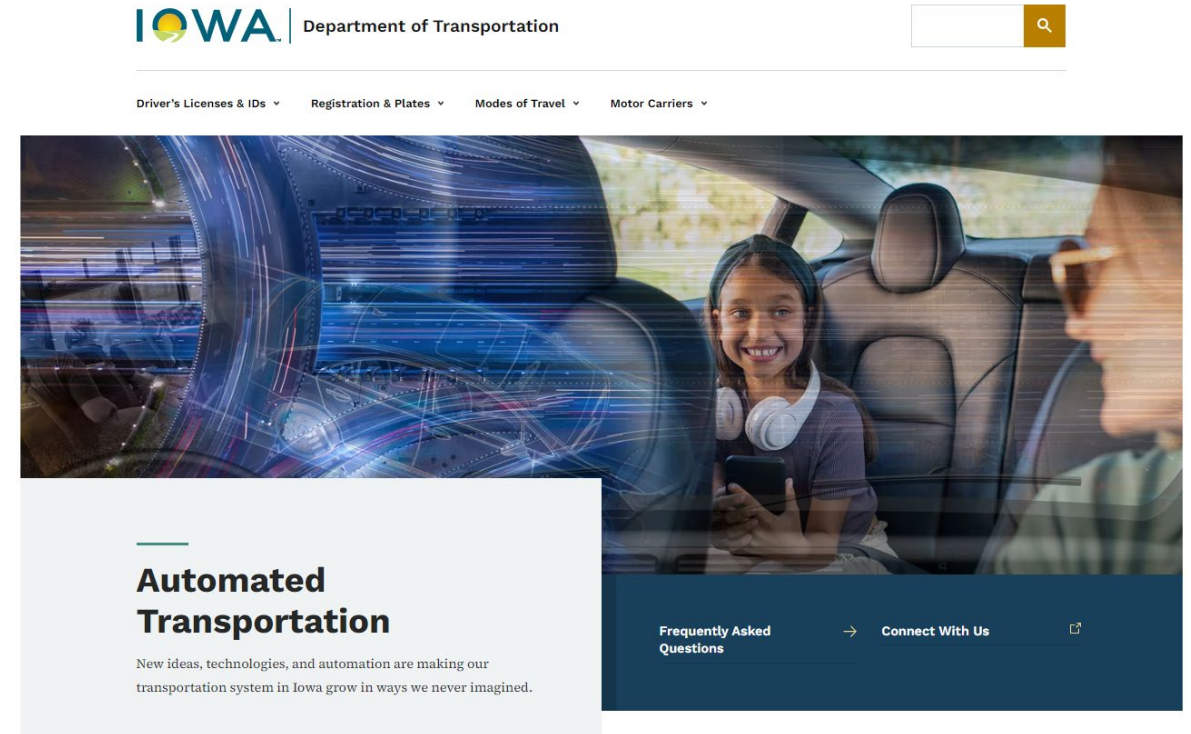
# OTHER UPDATES

Matt Miller – Iowa DOT



# OTHER UPDATES

- IDOT Automate Transportation [webpage](#) update
- Upcoming CAV meetings
  - CAV Peer Exchange
  - Meeting with City of Austin
- [Transport Research Centre Autonomous Vehicle Crashes](#)





# IOWA ADVISORY COUNCIL ON AUTOMATED TRANSPORTATION

- April 29, 2025, 10:00 a.m. to 1:00 p.m.
- Iowa Culinary Institute at DMACC (virtual available)
- Agenda
  - AV company presentation
  - Q&A
  - Education session summary
  - Lunch
- Please inform Cheryl of your intentions [cheryl-roe@uiowa.edu](mailto:cheryl-roe@uiowa.edu)

# UPCOMING MEETINGS

**Public Safety & Enforcement Subcommittee Meeting** – Friday, March 28 from 1:00 – 2:00 p.m.

**Economic Development & Infrastructure Readiness Subcommittee Meeting** – TBD

**Iowa Advisory Council on Automated Transportation Meeting** – Tuesday, April 29 from 10:00 a.m. – 1:00 p.m. *In-person meeting to be held at the Iowa Culinary Institute at DMACC. Virtual option available.*



**THANK YOU**