



TRANSPORTATION PUBLIC WORKS

Autonomous Vehicle Update



Texas Legislative Update

Currently: Texas Transportation code 545.452 – **local governments cannot regulate or permit AVs.**

SB 2807 effective September 1, 2025:

- Texas Department of Motor Vehicles has authority to:
 - Require AV companies to submit applications for permits for any commercial use of autonomous vehicles.
 - Suspend, revoke, or cancel permits.
- AV permit application must provide:
 - A *First Responder Plan* that includes:
 - How to communicate with fleet support staff.
 - How to safely remove the vehicle from the road and tow.
 - How to recognize the AV is in autonomous mode.

The DMV anticipates ***enforcement*** beginning Spring 2026.



Autonomous Vehicle Operation Phases

Mapping

- The vehicle is driven by a person across the intended area of operations, collecting data.
- Data compiled into a detailed map.

Testing

- The vehicle drives itself in AV mode.
- A safety driver may be present in tests as a precaution.

Deployment

- Vehicle accepts commercial passengers and operates on the roadway, fully autonomous.



Current AV Operations in Austin

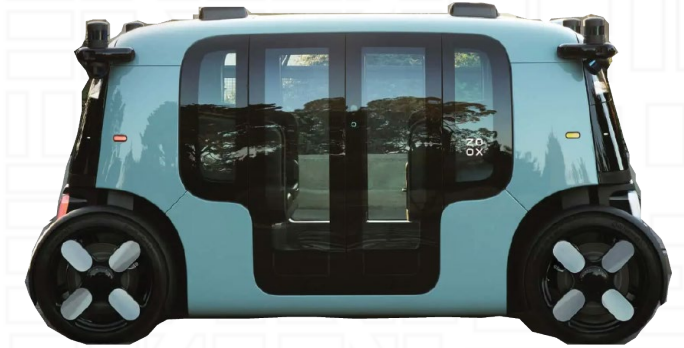
Deployed



Waymo
Jaguar i-Pace
100+



Zoox
Toyota Highlander
20



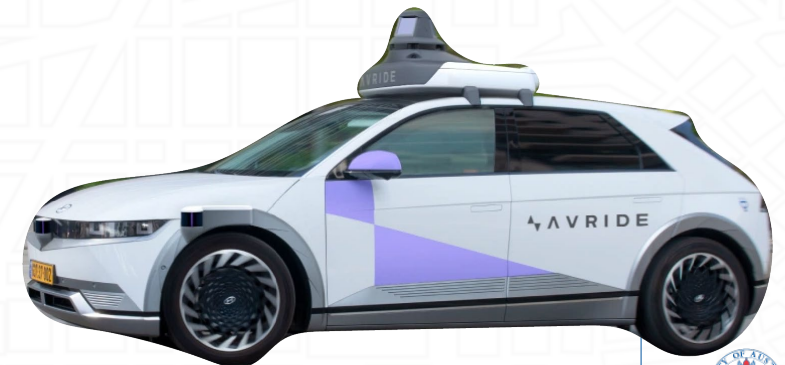
Zoox
Robotaxi – Not yet in Austin



Tesla
Model Y
10-20



VW ADMT
ID. Buzz
12



Avride
Hyundai IONIQ 5
12



AV Safety Working Group



TRANSPORTATION
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Austin-Bergstrom
International Airport

The City has been proactive by establishing the AV Safety Working Group to:

- Prepare and train for incidents,
- Facilitate communication,
- Collect data and standardize documentation.



Data for Geofences

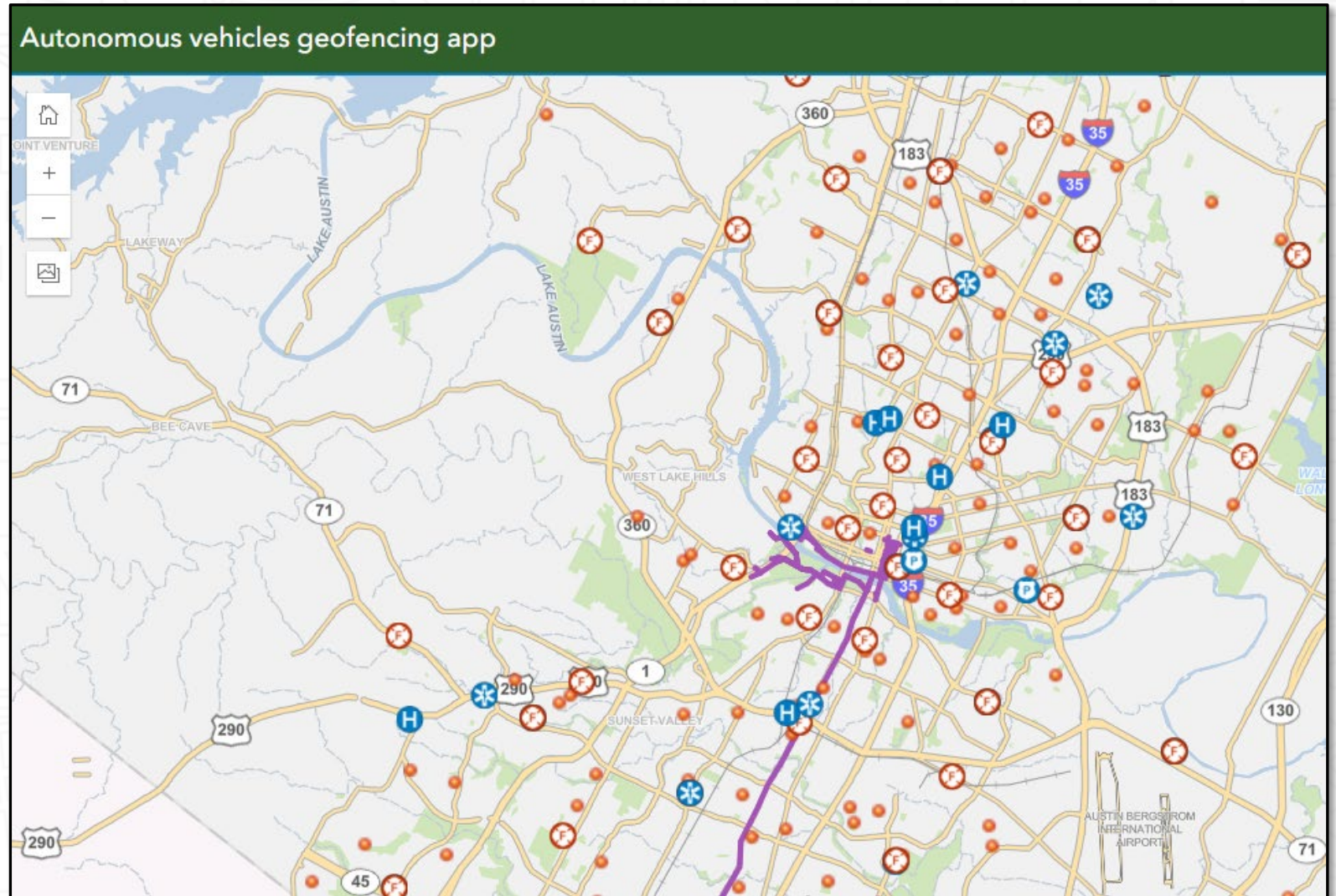
Infrastructure & Events

- Hospitals
- Fire Stations
- EMS Stations
- Police Stations
- Special Events
- Schools & School Zones

Emergencies

An email is **automatically** sent from our Computer-Aided Dispatch system.

Our expectation is an exclusion zone of 1,000 feet for one hour.



From -AFD -1Alarm /BOXL- Structure Fire | RAP -00-2202 @2425 E Riverside Dr , AUSTIN | XStreets:WILLOW CREEK DR TO RIVERSIDE TRN/E RIVERSIDE | On -AT FCOM S | Time:20:08:38 | Inc#23163009 | For - FTAC201,BAT04,ENG06,ENG22,ENG07,LAD22 Lat: 30235340 Lon: 97724702

AVs & Citations



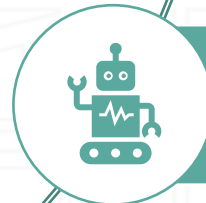
The City of Austin can cite AVs for moving violations. But not by giving them a ticket.



APD can register complaints with the court for traffic misdemeanors.



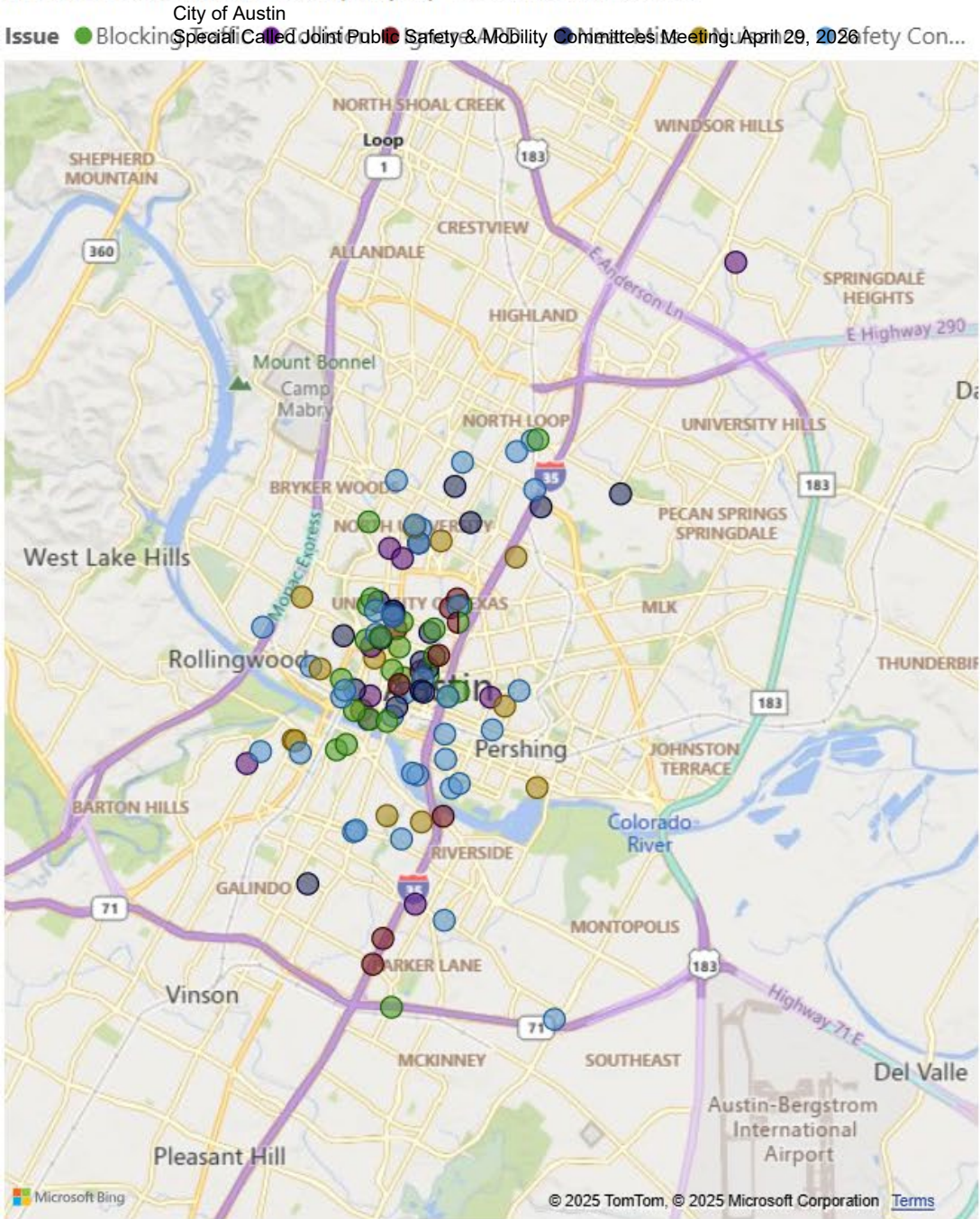
The City also cites AVs for parking violations.



Keeps AVs accountable to traffic laws.



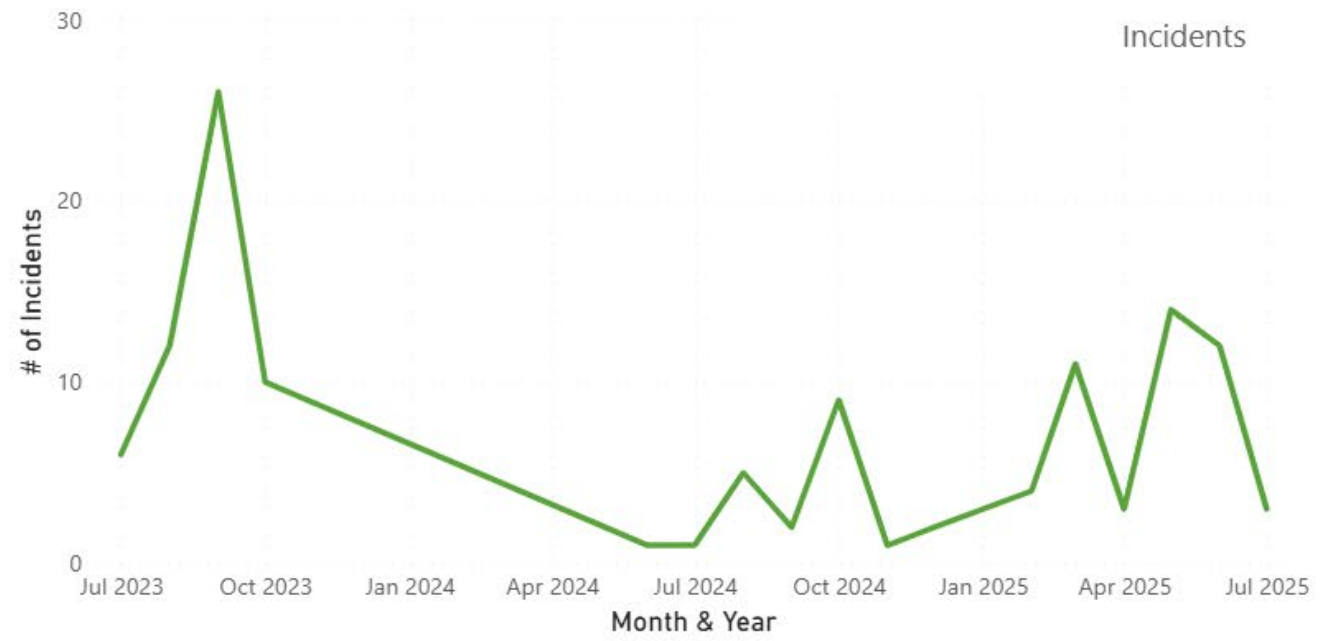
Incident Date and AV Company by Location and Issue



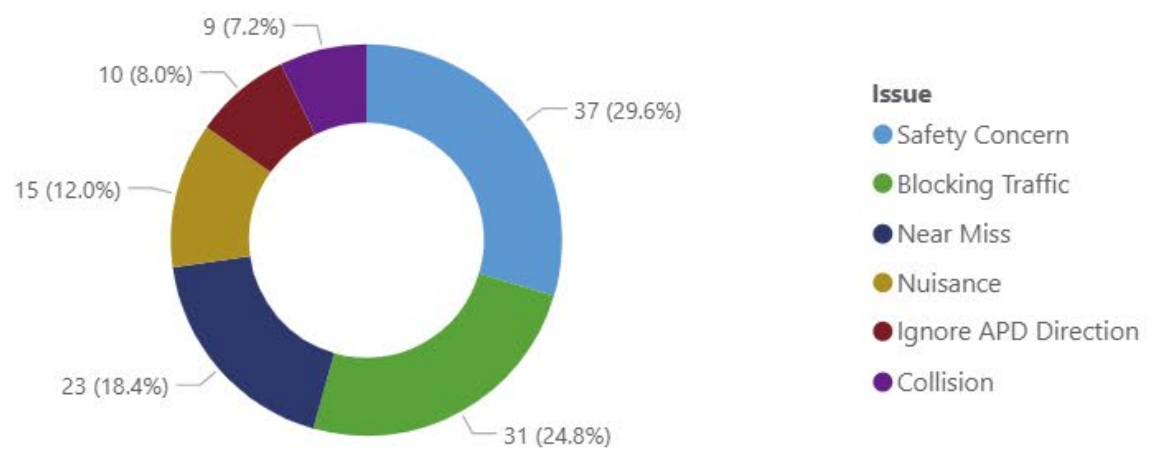
Incidents over Time

AV Company: Year Filter: File ID: 261558

125
Incidents



Incidents by Type



Accurate as of July 8, 2025

How We Use This Data

- Provide ongoing feedback to AV companies.
- Figure out where issues are occurring, and if there's a pattern.
- Determine appropriate infrastructure improvements.
- Collaborate with AV companies to resolve concerns.
- Share with Federal and State agencies.



Collaboration



- Annual AV Stakeholder meeting with AV petting zoo.
- Working with CapMetro, AISD, and UT on sharing procedures and information.
- Communicating with State and Federal partners.
- Participating in SAE and peer exchanges with other cities.





Thank you!

[https://www.austintexas.gov/page/
autonomous-vehicles](https://www.austintexas.gov/page/autonomous-vehicles)

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