Progression of Automated and Connected Vehicles Technology and Regulation

August 23, 2017
California Testing Permits

Safe Drivers • Safe Vehicles • Secure Identities • Saving Lives
Autonomous Vehicle Crashes

34 crashes since testing permits issued

- 24 reports
  - Google
- 1 report
  - Waymo
- 8 reports
  - Delphi
- 1 report
  - Cruise
- 1 report
  - Nissan

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Self-driving car collides with bicyclist in San Francisco

By KRON 4 Staff
Published: June 8, 2017, 9:29 pm

SAN FRANCISCO (KRON) — A self-driving car was involved in a collision with a bicyclist in San Francisco in May, according to the Department of Motor Vehicles.

The bicyclist suffered minor injuries in the crash. It happened in the city’s South of Market neighborhood.

The collision, which the DMV reported as part of its tracking program for autonomous vehicles, involved a 2017 Chevrolet Bolt EV equipped with autonomous driving technology driving on May 25.

The collision occurred shortly before 5:30 p.m. when the vehicle, which was driving north on 11th Street, made a left turn onto Mission Street in the outer of two turn lanes.

When a vehicle in the inner turn lane began to cut in front of the Bolt, it braked, causing a bicyclist who had been crossing closely behind to ride into the rear of the vehicle.

The vehicle’s occupant reported that the bicyclist suffered a scraped knee and expressed an intention to seek medical attention, but police and paramedics were not called to the scene.

The vehicle suffered a minor scratch in the collision and the bicycle was not damaged, according to the DMV report.

The DMV requires companies to obtain permits before testing autonomous vehicles in California and tracks data including collisions, making that information publicly available.

General Motors has been testing Bolt EV prototypes equipped with autonomous driving technology in cities including San Francisco since last year.

The vehicles have been involved in three other collisions in San Francisco so far this year, one of which resulted in a minor injury.
Theme: Necessary to ensure safe operation on public roads

- Leverage NHTSA’s Federal Automated Policy
- Allow for testing autonomous vehicles capable of operating without the presence of a driver
- “Autonomous vehicle” SAE Level 3, 4, or 5
- Compliance with applicable FMVSS and CA Vehicle Code
- Law enforcement interaction plan
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<th>California (chair)</th>
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• Federal Automated Vehicles Policy
  • Chapter 2 – Model State Policy

• Jurisdictional Guidelines for AVs
  • Administrative considerations
  • Licensing considerations
  • Vehicle considerations
  • Law enforcement considerations

• NHTSA and FMCSA

• AASHTO, TRB, and Uniform Law Commission
MARMADUKE by Brad Anderson

"Let's just assume it's a self-driving car."
For More Information
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