



Rep. Ryan Spain

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10100HB1866ham001

LRB101 05757 TAE 57232 a

1 AMENDMENT TO HOUSE BILL 1866

2 AMENDMENT NO. _____. Amend House Bill 1866 by replacing
3 everything after the enacting clause with the following:

4 "Section 1. Short title. This Act may be cited as the
5 Autonomous Vehicle Act.

6 Section 5. Definitions. As used in this Act:

7 "Automated driving system" means technology installed on a
8 motor vehicle that has the capability, on a part-time or
9 full-time basis, to drive the vehicle without the need for
10 supervision of the driving environment by a human driver or
11 operator, whether or not a human driver or operator is in the
12 vehicle.

13 "Autonomous vehicle tester" means an autonomous vehicle
14 manufacturer, institution of higher education, fleet service
15 provider, or automotive equipment or technology provider.

16 "Department" means the Department of Transportation.

1 "Fleet service provider" means a person or entity that owns
2 or leases a fully autonomous vehicle and operates such fully
3 autonomous vehicle for commercial or public use.

4 "Fully autonomous vehicle" means a motor vehicle that is
5 equipped with an automated driving system, designed to function
6 without an operator and classified as level 4 or level 5 by SAE
7 J3016.

8 "Operator" means the person seated in the driver's seat of
9 a fully autonomous vehicle.

10 "SAE J3016" means the "Taxonomy and Definitions for Terms
11 Related to Driving Automation Systems for On-Road Motor
12 Vehicles" published by SAE International in September 2016.

13 Section 10. Pilot program.

14 (a) The Department shall establish a pilot program for not
15 less than 5 and not more than 10 municipalities to allow
16 autonomous vehicle testers to test fully autonomous vehicles on
17 the highways of such municipalities. Municipalities shall
18 apply to the Department in the manner and form prescribed by
19 the Department for inclusion in the pilot program.

20 (b) If selected to participate, the chief elected official
21 or chief executive officer of the municipality shall select and
22 enter into a written agreement with an autonomous vehicle
23 tester or autonomous vehicle testers to test fully autonomous
24 vehicles on the highways of the municipality.

1 Section 15. Selected autonomous vehicle testers.

2 (a) Selected autonomous vehicle testers shall be required
3 to meet the following requirements:

4 (1) Have a properly licensed operator either seated in
5 the driver's seat of the fully autonomous vehicle or
6 remotely monitoring the vehicle in real time.

7 (2) Be capable of taking immediate manual control of
8 such fully autonomous vehicle.

9 (b) Selected autonomous vehicle testers shall be required
10 to:

11 (1) Register each fully autonomous vehicle to be tested
12 with the Department.

13 (2) Submit to the Department, in a manner and form
14 directed by the Department, proof of liability insurance,
15 self-insurance, or a surety bond of at least \$5,000,000 for
16 damages by reason of bodily injury, death, or property
17 damage caused by a fully autonomous vehicle.

18 (3) Provide information to the Department that the
19 Department deems to be appropriate for measuring the
20 performance of the pilot program.

21 An autonomous vehicle tester may withhold any commercially
22 valuable, confidential, or proprietary information.

23 Section 20. Operation of a fully autonomous vehicle.

24 (a) An operator of a fully autonomous motor vehicle must
25 comply with any provision of the general statutes, any

1 ordinance of a municipality concerning the operation of motor
2 vehicles, any standards established by the National Highway
3 Traffic Safety Administration regarding fully autonomous
4 vehicles, and any other requirements set by the Department in
5 consultation with the other agencies as necessary to ensure the
6 safe operation of such fully autonomous vehicle.

7 (b) An operator of a fully autonomous motor vehicle shall
8 be considered the driver or operator for purposes of assessing
9 conformance to applicable traffic or motor vehicle laws; shall
10 be validly licensed to operate a motor vehicle under Section
11 6-101 of the Illinois Vehicle Code and Section 15 of the
12 Transportation Network Providers Act; shall satisfy all the
13 applicable requirements to be licensed under this Act; and
14 shall satisfy any physical acts required of a driver or
15 operator, including, but not limited to, those required under
16 Section 6-112 of the Illinois Vehicle Code.

17 Section 25. Limiting provisions.

18 (a) No autonomous vehicle tester shall test a fully
19 autonomous vehicle on any limited access highway unless
20 strictly authorized by the Department in consultation with
21 other agencies.

22 (b) The Department may immediately prohibit an operator or
23 autonomous vehicle tester from testing a fully autonomous
24 vehicle if the Department, in consultation with other agencies,
25 determines that such testing poses a risk to public safety or

1 that the operator or autonomous vehicle tester has failed to
2 comply with the provisions or requirements of the pilot
3 program.

4 Section 30. Annual report. The Department shall publish an
5 annual report concerning the implementation and progress of the
6 pilot program.

7 Section 99. Effective date. This Act takes effect upon
8 becoming law.".