



Sen. Martin A. Sandoval

Filed: 3/10/2017

10000SB1432sam001

LRB100 10522 AXK 23432 a

1 AMENDMENT TO SENATE BILL 1432

2 AMENDMENT NO. _____. Amend Senate Bill 1432 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. For purposes of this Act, the
7 following definitions apply:

8 "Automated driving system" means hardware and software
9 that are collectively capable, without intervention or
10 supervision by a human operator, of performing all aspects of
11 the dynamic driving task for a vehicle, on a part-time or
12 full-time basis, and any fallback maneuvers necessary to
13 respond to the system's failure.

14 "Dynamic driving task" means:

15 (1) operational aspects of a driving task including,
16 but not limited to, steering, braking, acceleration, and

1 monitoring the vehicle and roadway; and

2 (2) tactical aspects of a driving task including, but
3 not limited to, responding to events, determining when to
4 change lanes, turning, using signals, and other related
5 actions.

6 "Dynamic driving task" does not include strategic aspects of a
7 driving task including, but not limited to, determining
8 destinations.

9 "Human operator" means a natural person in a vehicle with
10 immediate access to controls for steering, braking, and
11 acceleration.

12 "Secretary" means the Secretary of State.

13 Section 10. Operation of automated driving system equipped
14 vehicles; requirements. Subject to the provisions of this Act,
15 an automated driving system equipped vehicle may drive or
16 operate upon the highways of this State with the automated
17 driving system engaged for testing, a transportation service,
18 or any other use, regardless of whether a human operator is
19 physically present in the automated driving system equipped
20 vehicle. An automated driving system equipped vehicle shall be
21 capable of operating in compliance with applicable traffic and
22 motor vehicle laws of this State and shall comply with any
23 applicable federal law.

24 Prior to initiating the testing of automated driving system
25 equipped vehicles in a municipality, a person shall provide a

1 notice of intent to test to the corporate authorities of the
2 municipality.

3 Section 15. Traffic and motor vehicle laws.

4 (a) When engaged, the automated driving system shall be
5 considered the driver or operator for purposes of assessing
6 conformance to applicable traffic or motor vehicle laws.

7 (b) When engaged, an automated driving system shall be
8 deemed to satisfy any physical acts required of a driver or
9 operator including, but not limited to those required under
10 Section 6-112 of the Illinois Vehicle Code. No motor vehicle
11 laws of this State shall prohibit an automated driving system
12 from being the operator or driver of a motor vehicle.

13 (c) No motor vehicle laws of this State shall require a
14 licensed human driver to operate a vehicle that is being
15 operated by an automated driving system under this Section.

16 (d) Section 6-101 of the Illinois Vehicle Code shall not
17 apply to an engaged automated driving system or to a person
18 operating an automated driving system equipped vehicle with the
19 automated driving system engaged.

20 (e) Automated driving system equipped vehicles shall be
21 insured as required under the Illinois Vehicle Code.

22 (f) Liability for incidents involving an automated driving
23 system equipped vehicle shall be determined under existing
24 product liability law, common law negligence principles, or
25 other federal, State, or local law. Nothing in this Act is

1 intended to affect, alter, or amend any right, obligation,
2 liability, or damage apportionment mechanism under existing
3 product liability law, common law negligence, or other
4 applicable law, or to otherwise contravene or alter rights and
5 duties under any existing law, agreement, rule, regulation, or
6 treaty.

7 (g) An automated driving system shall be deemed to be in
8 compliance with all applicable requirements under Sections
9 11-401, 11-402, 11-403, 11-404, and 11-407 of the Illinois
10 Vehicle Code if the vehicle owner or person on behalf of the
11 vehicle owner promptly contacts a law enforcement agency to
12 report a crash or if the automated driving system equipped
13 vehicle has the capability of alerting a law enforcement agency
14 of the crash.

15 (h) The requirements under Section 12-603.1 of the Illinois
16 Vehicle Code shall be the responsibility of and apply only to
17 human occupants of a motor vehicle. The requirements of the
18 Child Passenger Protection Act shall be the responsibility of
19 and apply only to the parent or guardian of the child or, if
20 the child's parent or guardian is not present, the person
21 accompanying the child.

22 (i) The provisions of Section 11-1401 of the Illinois
23 Vehicle Code shall not apply to an automated driving system or
24 automated driving system equipped vehicle when the automated
25 driving system is engaged.

26 (j) Except as otherwise provided in this Act, automated

1 driving systems, automated driving system equipped vehicles,
2 and any commercial use of an automated driving system equipped
3 vehicle are governed exclusively by this Act.

4 Section 20. Home rule. The regulation of automated driving
5 system equipped vehicles is the exclusive power and function of
6 the State. A home rule unit may not regulate automated driving
7 system equipped vehicles that otherwise comply with all laws of
8 the home rule unit. This Section is a denial and limitation of
9 home rule powers and functions under subsection (h) of Article
10 VII of the Illinois Constitution.

11 Section 99. Effective date. This Act takes effect upon
12 becoming law."