



100TH GENERAL ASSEMBLY

State of Illinois

2017 and 2018

HB5192

by Rep. John C. D'Amico

SYNOPSIS AS INTRODUCED:

625 ILCS 5/3-805.10 new

Amends the Illinois Vehicle Code. Defines "automated driving system", "autonomous vehicle", "driver", "dynamic driving task", "Level 3 automated driving system", "Level 4 automated driving system", and "Level 5 automated driving system". Provides that the Secretary of State shall develop a unique registration plate to identify an autonomous vehicle of 12,000 pounds or less. Provides that the unique registration plate shall have the same registration fee as vehicles of the second division based on the weight of the vehicle. Provides that prior to the issuance of any registration to an autonomous motor vehicle, the owner of an autonomous motor vehicle shall provide proof of insurance to the Secretary by providing either a certificate of insurance or a surety bond to be posted with the Secretary in an amount no less than \$1,000,000 and no more than \$5,000,000. Provides that the Secretary shall adopt any rules necessary to implement this Act. Effective immediately.

LRB100 18555 LNS 33774 b

1 AN ACT concerning transportation.

2 **Be it enacted by the People of the State of Illinois,**
3 **represented in the General Assembly:**

4 Section 5. The Illinois Vehicle Code is amended by adding
5 Section 3-805.10 as follows:

6 (625 ILCS 5/3-805.10 new)

7 Sec. 3-805.10. Autonomous vehicles.

8 (a) As used in this Section:

9 "Automated driving system" means a motor vehicle's
10 hardware and software that is collectively capable of
11 performing the entire dynamic driving task on a sustained
12 basis, regardless of whether the system is limited to a
13 specific operational design domain, in a reasonably safe
14 manner.

15 "Autonomous vehicle" means a motor vehicle equipped with a
16 Level 3, 4, or 5 automated driving system, as defined in SAE
17 J3016.

18 "Driver" means an individual person who has a valid
19 driver's license issued under this Code or another recognized
20 jurisdiction.

21 "Dynamic driving task" means the operation and tactical
22 aspects of driving or operating a motor vehicle. "Dynamic
23 driving task" does not include the strategic aspects, such as

1 determining destinations or routes, of operating a motor
2 vehicle.

3 "Level 3 automated driving system" means the driving
4 mode-specific performance by an automated driving system of all
5 aspects of the dynamic driving task with the expectation that
6 the human driver will respond appropriately to a request to
7 intervene.

8 "Level 4 automated driving system" means the driving
9 mode-specific performance by an automated driving system of all
10 aspects of the dynamic driving task, even if a human driver
11 does not respond appropriately to a request to intervene.

12 "Level 5 automated driving system" means the full-time
13 performance by an automated driving system of all aspects of
14 the dynamic driving task under all roadway and environmental
15 conditions that can be managed by a human driver.

16 (b) The Secretary shall develop a unique registration plate
17 to identify an autonomous vehicle of 12,000 pounds or less. The
18 unique registration plate shall, in accordance with the
19 registration fees based on weight set forth in Section 3-815 of
20 this Code, be issued or renewed on an annual basis.

21 (c) Prior to the issuance of any registration to an
22 autonomous motor vehicle, the owner of an autonomous vehicle
23 shall provide proof of insurance to the Secretary by providing
24 either a certificate of insurance or a surety bond; the
25 certificate of insurance or surety bond is to be posted with
26 the Secretary of State in the amount to be set by rule, but in

1 an amount no less than \$1,000,000 nor more than \$5,000,000.

2 (d) The Secretary of State shall adopt any rules necessary
3 to implement this Section.

4 Section 99. Effective date. This Act takes effect upon
5 becoming law.