



101ST GENERAL ASSEMBLY

State of Illinois

2019 and 2020

HB4758

Introduced 2/18/2020, by Rep. Michael J. Zalewski

SYNOPSIS AS INTRODUCED:

625 ILCS 5/1-125.1 new

625 ILCS 5/1-171.01c-1 new

625 ILCS 5/6-123 new

625 ILCS 5/11-710

from Ch. 95 1/2, par. 11-710

625 ILCS 5/11-1433 new

Amends the Illinois Vehicle Code. Defines "highly automated work zone vehicle" and "remote autonomous vehicle operator". Provides that a provision related to following too closely shall not apply to the operation of a highly automated work zone vehicle. Provides that the Toll Highway Authority shall establish a 2-year highly automated work zone vehicle pilot program. Provides that the Authority shall annually report to the Governor and the General Assembly on the outcomes and the effectiveness of the program. Effective immediately.

LRB101 17866 LNS 67301 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 changing
5 Section 11-710 and by adding Sections 1-125.1, 1-171.01c-1,
6 6-123, and 11-1433 as follows:

7 (625 ILCS 5/1-125.1 new)

8 Sec. 1-125.1. Highly automated work zone vehicle. A level 2
9 autonomous vehicle, as defined by SAE standard J3016, used in a
10 construction or maintenance work zone under the jurisdiction of
11 the Illinois State Toll Highway Authority to operate a shadow
12 vehicle that protects workers, that is:

13 (1) equipped with an automated driving system; and

14 (2) remotely connected to a remote autonomous vehicle
15 operator in a lead vehicle allowing for coordinated or
16 controlled movement of the highly automated work zone
17 vehicle within the line of sight of the operator.

18 (625 ILCS 5/1-171.01c-1 new)

19 Sec. 1-171.01c-1. Remote autonomous vehicle operator. A
20 licensed driver trained as the remote operator of a highly
21 automated work zone vehicle.

1 (625 ILCS 5/6-123 new)

2 Sec. 6-123. Remote autonomous vehicle operator. A remote
3 autonomous vehicle operator shall be a licensed driver trained
4 by the manufacturer of a highly automated work zone vehicle in
5 the remote operation of that vehicle while within line of sight
6 of the operator.

7 (625 ILCS 5/11-710) (from Ch. 95 1/2, par. 11-710)

8 Sec. 11-710. Following too closely. (a) The driver of a
9 motor vehicle shall not follow another vehicle more closely
10 than is reasonable and prudent, having due regard for the speed
11 of such vehicles and the traffic upon and the condition of the
12 highway.

13 (b) The driver of any truck or motor vehicle drawing
14 another vehicle when traveling upon a roadway outside of a
15 business or residence district and which is following another
16 truck or motor vehicle drawing another vehicle shall, whenever
17 conditions permit, leave sufficient space so that an overtaking
18 vehicle may enter and occupy such space without danger, except
19 that this shall not prevent a truck or motor vehicle drawing
20 another vehicle from overtaking and passing any vehicle or
21 combination of vehicles.

22 (c) Motor vehicles being driven upon any roadway outside of
23 a business or residence district in a caravan or motorcade
24 whether or not towing other vehicles shall be so operated as to
25 allow sufficient space between each such vehicle or combination

1 of vehicles so as to enable any other vehicle to enter and
2 occupy such space without danger. This provision shall not
3 apply to funeral processions.

4 (d) This Section does not apply to the operation of a
5 highly automated work zone vehicle.

6 (Source: P.A. 79-1069.)

7 (625 ILCS 5/11-1433 new)

8 Sec. 11-1433. Highly automated work zone vehicle pilot
9 program.

10 (a) The Illinois State Toll Highway Authority shall
11 establish a 2-year highly automated work zone vehicle pilot
12 program. Under the program, the Authority may authorize a local
13 government, with respect to roads under its jurisdiction, to
14 deploy a highly automated work zone vehicle in a construction
15 or maintenance work zone.

16 (b) Beginning June 1, 2021, the Authority shall provide an
17 annual report to the Governor and the General Assembly on the
18 outcomes and the effectiveness of the program that shall
19 include the following:

20 (1) instances, if any, in which the highly automated
21 work zone vehicle was struck while engaged in a designated
22 highly automated work zone;

23 (2) instances, if any, in which personnel were injured
24 on the job while working in a designated construction or
25 maintenance work zone;

1 (3) cost savings due to the implementation of the
2 highly automated work zone vehicle;

3 (4) the types of training that the designated remote
4 autonomous vehicle operator has undergone to properly
5 control the highly automated work zone vehicle; and

6 (5) instances, if any, of system malfunctions while the
7 highly automated work zone vehicle was engaged, and how the
8 operator responded to the situation.

9 (c) This Section is repealed on January 1, 2024.

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