



## 101ST GENERAL ASSEMBLY

### State of Illinois

2019 and 2020

SB3204

Introduced 2/11/2020, by Sen. Bill Cunningham

#### 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 17867 LNS 67302 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.