

1 VIRGINIA ACTS OF ASSEMBLY — CHAPTER

2 *An Act to amend the Code of Virginia by adding a section numbered 33.2-274.2, relating to Department of*
 3 *Transportation; autonomous truck-mounted attenuators; pilot program authorized.*

4 [H 582]

5 Approved

6 **Be it enacted by the General Assembly of Virginia:**7 **1. That the Code of Virginia is amended by adding a section numbered 33.2-274.2 as follows:**8 **§ 33.2-274.2. *Autonomous truck-mounted attenuators; deployment in mobile work zones; pilot program***
 9 ***authorized.***10 *A. For purposes of this section, "mobile work zone" means the area in which there is a continuous or*
 11 *intermittent multi-vehicle mobile operation advancing at a speed of no greater than 25 miles per hour for*
 12 *highway maintenance or construction purposes, including roadway striping, debris removal, and pothole*
 13 *repair.*14 *B. The Department may establish a pilot program for the implementation and deployment of autonomous*
 15 *truck-mounted attenuators (ATMAs) within mobile work zones.*16 *C. Notwithstanding any other provision of law, when participating in such pilot program, ATMAs may be*
 17 *operated in autonomous mode within active mobile work zones on state-maintained highways. While*
 18 *operating in autonomous mode, an ATMA shall be deployed in a leader-follower configuration and shall be*
 19 *continuously monitored by a remote operator. Such remote operator shall have the capability to visually*
 20 *observe such ATMA's surroundings and adjust its path or bring it to a complete stop, as necessary. A human*
 21 *driver shall not be required to be physically present within an ATMA during such operation in autonomous*
 22 *mode. However, outside of active mobile work zones, including transport on public highways to and from*
 23 *such mobile work zones, ATMAs shall be operated by and occupied by a human driver in accordance with all*
 24 *applicable motor vehicle operation laws and regulations.*25 *D. No ATMA may be utilized in such pilot program in any mobile work zone unless it has been*
 26 *successfully tested under a testing plan approved by the Department to demonstrate reliable operation and*
 27 *performance in a leader-follower configuration. Test results shall be reviewed and approved by the*
 28 *Department.*29 *E. The Department shall submit an annual report summarizing the pilot program's status and efficacy to*
 30 *the Chairs of the House and Senate Committees on Transportation no later than December 1 of each year.*31 **2. That the provisions of this act shall expire on December 31, 2031.**

ENROLLED

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