

Assembly Bill No. 23–Committee
on Growth and Infrastructure

CHAPTER.....

AN ACT relating to transportation; authorizing the Department of Motor Vehicles to adopt regulations related to the operation and testing of certain electronically controlled vehicles and transportation devices other than autonomous vehicles; and providing other matters properly relating thereto.

Legislative Counsel’s Digest:

Existing law authorizes the Department of Motor Vehicles to adopt regulations relating to the operation and testing of autonomous vehicles on highways within this State. (NRS 482A.100) This bill: (1) classifies certain vehicles and transportation devices that are remotely controlled or otherwise electronically controlled but do not fall within the definition of autonomous vehicle under existing law as alternative electronic transportation system vehicles; and (2) authorizes the Department to adopt regulations relating to the operation and testing of such vehicles and transportation devices. **Sections 3 and 4** of this bill define alternative electronic transportation system vehicles. **Section 9** of this bill authorizes the Department to adopt regulations relating to the operation and testing of alternative electronic transportation system vehicles on highways and premises to which the public has access in this State. **Section 9.5** of this bill authorizes the Department to impose an administrative fine for violations of laws and regulations relating to alternative electronic transportation system vehicles.

EXPLANATION – Matter in *bolded italics* is new; matter between brackets ~~omitted material~~ is material to be omitted.

THE PEOPLE OF THE STATE OF NEVADA, REPRESENTED IN
SENATE AND ASSEMBLY, DO ENACT AS FOLLOWS:

Section 1. Title 43 of NRS is hereby amended by adding thereto a new chapter to consist of the provisions set forth as sections 2 to 9.5, inclusive, of this act.

Sec. 2. *As used in this chapter, unless the context otherwise requires, the words and terms defined in sections 3 to 8, inclusive, of this act have the meanings ascribed to them in those sections.*

Sec. 3. 1. *“Alternative electronic transportation system” means any hardware or software which is installed within a vehicle or a mobile transportation device that:*

(a) Allows a person in a vehicle on a highway to control, in real time, the mechanical operations of the vehicle, including, without limitation, braking, steering and adjusting the throttle, without the person physically touching the braking, steering, throttle or other controls of the vehicle;

(b) Allows a person to program a mobile transportation device to operate along various routes, without the active control or



monitoring by the person on premises to which the public has access;

(c) Allows for a vehicle on a highway to be operated without the active control or monitoring of a person in a way that is outside the scope of an automated driving system; or

(d) Allows for a mobile transportation device on premises to which the public has access to be controlled remotely or operated without the active control or monitoring of a person in a way that is outside the scope of an automated driving system.

2. The term does not include an automated driving system.

3. As used in this section, "automated driving system" has the meaning ascribed to it in NRS 482A.025.

Sec. 4. *"Alternative electronic transportation system vehicle" means a vehicle or mobile transportation device equipped with an alternative electronic transportation system. The term does not include:*

1. An autonomous vehicle, as defined in NRS 482A.030.

2. A vehicle or device that is used exclusively upon fixed mechanical or electromagnetic guideways.

Sec. 5. *"Highway" has the meaning ascribed to it in NRS 482A.040.*

Sec. 6. *"Mobile transportation device" means a device capable of being equipped with an alternative electronic transportation system that is not a vehicle and in, upon or by which any property is or may be transported or drawn upon premises to which the public has access. The term does not include:*

1. An autonomous vehicle, as defined in NRS 482A.030.

2. A vehicle or device that is used exclusively upon fixed mechanical or electromagnetic guideways.

Sec. 7. *"Premises to which the public has access" has the meaning ascribed to it in NRS 484A.185, except the term does not include property located upon a public or privately owned airport or any property owned, leased, controlled or managed by a public or privately owned airport.*

Sec. 8. *"Vehicle" has the meaning ascribed to it in NRS 484A.320.*

Sec. 9. 1. *The Department may adopt regulations authorizing the operation and testing of alternative electronic transportation system vehicles on highways and premises to which the public has access within the State of Nevada.*

2. The regulations adopted pursuant to subsection 1 must:



(a) *Require a person who wishes to operate or test an alternative electronic transportation system vehicle on a highway or premises to which the public has access within this State to submit an application to the Department;*

(b) *Prescribe the form and contents of an application submitted pursuant to paragraph (a);*

(c) *Set forth requirements relating to the registration of and issuance of license plates to an alternative electronic transportation system vehicle in this State;*

(d) *Set forth requirements concerning the control of emissions from an alternative electronic transportation system vehicle in this State;*

(e) *Require that an alternative electronic transportation system vehicle be capable of operating in compliance with the applicable motor vehicle laws and traffic laws of this State, unless an exemption has been granted by the Department;*

(f) *Require a person who wishes to operate or test an alternative electronic transportation system vehicle on a highway or on premises to which the public has access within this State to obtain and maintain a policy of insurance on the alternative electronic transportation system vehicle that meets the requirements of NRS 485.185 or 485.186 and:*

(1) *Submit to the Department proof of insurance or self-insurance acceptable to the Department in the amount of \$5,000,000; or*

(2) *Make a cash deposit or post and maintain a surety bond or other form of security with the Department in the amount of \$5,000,000;*

(g) *Set forth requirements for the reporting of all crashes involving alternative electronic transportation system vehicles; and*

(h) *Set forth requirements for the granting of an exemption from the applicable motor vehicle laws and traffic laws of this State for the operation or testing of an alternative electronic transportation system vehicle.*

Sec. 9.5. *The Department may impose an administrative fine, not to exceed \$2,500, for a violation of any provision of this chapter or any regulation adopted pursuant thereto.*

Sec. 10. This act becomes effective upon passage and approval.



