ASSEMBLY, No. 1810

STATE OF NEW JERSEY
218th LEGISLATURE

PRE-FILED FOR INTRODUCTION IN THE 2018 SESSION

Sponsored by:
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SYNOPSIS
Permits operation of low-speed electric bicycles.

CURRENT VERSION OF TEXT
Introduced Pending Technical Review by Legislative Counsel.

(Sponsorship Updated As Of: 6/15/2018)
AN ACT concerning electric bicycles, amending R.S.39:1-1, and
supplementing Title 39 of the Revised Statutes.

BE IT ENACTED by the Senate and General Assembly of the State
of New Jersey:

1. R.S.39:1-1 is amended to read as follows:

39:1-1. As used in this subtitle, unless other meaning is clearly
apparent from the language or context, or unless inconsistent with
the manifest intention of the Legislature:

"Alley" means a public highway wherein the roadway does not
exceed 12 feet in width.

"Authorized emergency vehicles" means vehicles of the fire
department, police vehicles and such ambulances and other vehicles
as are approved by the chief administrator when operated in
response to an emergency call.

"Autocycle" means a three-wheeled motorcycle designed to be
controlled with a steering wheel and pedals in which the operator
and passenger may ride in a completely or partially enclosed seating
area that is equipped with a roll cage or roll hoops, safety seat belts
for each occupant, and anti-lock brakes.

"Automobile" includes all motor vehicles except motorcycles.

"Berm" means that portion of the highway exclusive of roadway
and shoulder, bordering the shoulder but not to be used for
vehicular travel.

"Business district" means that portion of a highway and the
territory contiguous thereto, where within any 600 feet along such
highway there are buildings in use for business or industrial
purposes, including but not limited to hotels, banks, office
buildings, railroad stations, and public buildings which occupy at
least 300 feet of frontage on one side or 300 feet collectively on
both sides of the roadway.

"Car pool" means two or more persons commuting on a daily
basis to and from work by means of a vehicle with a seating
capacity of nine passengers or less.

"Chief Administrator" or "Administrator" means the Chief
Administrator of the New Jersey Motor Vehicle Commission.

"Commercial motor vehicle" includes every type of motor-driven
vehicle used for commercial purposes on the highways, such as the
transportation of goods, wares and merchandise, excepting such
vehicles as are run only upon rails or tracks and vehicles of the
passenger car type used for touring purposes or the carrying of farm
products and milk, as the case may be.

EXPLANATION – Matter enclosed in bold-faced brackets [thus] in the above bill is
not enacted and is intended to be omitted in the law.

Matter underlined thus is new matter.

"Commissioner" means the Commissioner of Transportation of this State.

"Commuter van" means a motor vehicle having a seating capacity of not less than seven nor more than 15 adult passengers, in which seven or more persons commute on a daily basis to and from work and which vehicle may also be operated by the driver or other designated persons for their personal use.

"Crosswalk" means that part of a highway at an intersection, either marked or unmarked existing at each approach of every roadway intersection, included within the connections of the lateral lines of the sidewalks on opposite sides of the highway measured from the curbs or, in the absence of curbs, from the edges of the shoulder, or, if none, from the edges of the roadway; also, any portion of a highway at an intersection or elsewhere distinctly indicated for pedestrian crossing by lines or other marking on the surface.

"Curb extension" or "bulbout" means a horizontal extension of the sidewalk into the street which results in a narrower roadway section.

"Dealer" includes every person actively engaged in the business of buying, selling or exchanging motor vehicles or motorcycles and who has an established place of business.

"Deputy Chief Administrator" means the deputy chief administrator of the commission.

"Driver" means the rider or driver of a horse, bicycle or motorcycle or the driver or operator of a motor vehicle, unless otherwise specified.

"Explosives" means any chemical compound or mechanical mixture that is commonly used or intended for the purpose of producing an explosion and which contains any oxidizing and combustive units or other ingredients in such proportions, quantities or packing that an ignition by fire, friction, by concussion, by percussion, or by detonator of any part of the compound or mixture may cause such a sudden generation of highly heated gases that the resultant gaseous pressures are capable of producing destructive effects on contiguous objects or of destroying life or limb.

"Farm tractor" means every motor vehicle designed and used primarily as a farm implement for drawing plows, mowing machines, and other implements of husbandry.

"Flammable liquid" means any liquid having a flash point below 200 degrees Fahrenheit, and a vapor pressure not exceeding 40 pounds.

"Gross weight" means the combined weight of a vehicle and a load thereon.
"High occupancy vehicle" or "HOV" means a vehicle which is used to transport two or more persons and shall include public transportation, car pool, van pool, and other vehicles as determined by regulation of the Department of Transportation. "Highway" means the entire width between the boundary lines of every way publicly maintained when any part thereof is open to the use of the public for purposes of vehicular travel. "Horse" includes mules and all other domestic animals used as draught animals or beasts of burden. "Inside lane" means the lane nearest the center line of the roadway. "Intersection" means the area embraced within the prolongation of the lateral curb lines or, if none, the lateral boundary lines of two or more highways which join one another at an angle, whether or not one such highway crosses another. "Laned roadway" means a roadway which is divided into two or more clearly marked lanes for vehicular traffic. "Leased limousine" means any limousine subject to regulation in the State which:
   a. Is offered for rental or lease, without a driver, to be operated by a limousine service as the lessee, for the purpose of carrying passengers for hire; and
   b. Is leased or rented for a period of one year or more following registration.
"Leased motor vehicle" means any motor vehicle subject to registration in this State which:
   a. Is offered for rental or lease, without a driver, to be operated by the lessee, his agent or servant, for purposes other than the transportation of passengers for hire; and
   b. Is leased or rented for a period of one year or more following registration.
"Limited-access highway" means every highway, street, or roadway in respect to which owners or occupants of abutting lands and other persons have no legal right of access to or from the same except at such points only and in such manner as may be determined by the public authority having jurisdiction over such highway, street, or roadway; and includes any highway designated as a "freeway" or "parkway" by authority of law.
"Local authorities" means every county, municipal and other local board or body having authority to adopt local police regulations under the Constitution and laws of this State, including every county governing body with relation to county roads. "Low-speed electric bicycle" means a two or three-wheeled vehicle with fully operable pedals and an electric motor of less than 750 watts, whose maximum speed on a paved level surface, when powered solely by a motor while operated by a person weighing 170 pounds, is less than 20 miles per hour.
"Low-speed vehicle" means a four-wheeled low-speed vehicle, as defined in 49 CFR s.571.3(b), whose attainable speed is more than 20 miles per hour but not more than 25 miles per hour on a paved level surface and which is not powered by gasoline or diesel fuel and complies with federal safety standards as set forth in 49 CFR s.571.500.

"Magistrate" means any municipal court and the Superior Court, and any officer having the powers of a committing magistrate and the chief administrator.

"Manufacturer" means a person engaged in the business of manufacturing or assembling motor vehicles, who will, under normal business conditions during the year, manufacture or assemble at least 10 new motor vehicles.

"Metal tire" means every tire the surface of which in contact with the highway is wholly or partly of metal or other hard nonresilient material.

"Mid-block crosswalk" means a crosswalk located away from an intersection, distinctly indicated by lines or markings on the surface.

"Motorized bicycle" means a pedal bicycle having a helper motor characterized in that either the maximum piston displacement is less than 50 cc. or said motor is rated at no more than 1.5 brake horsepower or is powered by an electric drive motor and said bicycle is capable of a maximum speed of no more than 25 miles per hour on a flat surface. This term shall not include a low-speed electric bicycle as defined in this section.

"Motorcycle" includes motorcycles, autocycles, motor bikes, bicycles with motor attached and all motor-operated vehicles of the bicycle or tricycle type, except motorized bicycles and low-speed electric bicycles as defined in this section, whether the motive power be a part thereof or attached thereto and having a saddle or seat with driver sitting astride or upon it or a platform on which the driver stands.

"Motor-drawn vehicle" includes trailers, semitrailers, or any other type of vehicle drawn by a motor-driven vehicle.

"Motor vehicle" includes all vehicles propelled otherwise than by muscular power, excepting such vehicles as run only upon rails or tracks, low-speed electric bicycles, and motorized bicycles.

"Motorized scooter" means a miniature motor vehicle and includes, but is not limited to, pocket bikes, super pocket bikes, scooters, mini-scooters, sport scooters, mini choppers, mini motorcycles, motorized skateboards and other vehicles with motors not manufactured in compliance with Federal Motor Vehicle Safety Standards and which have no permanent Federal Safety Certification stickers affixed to the vehicle by the original manufacturer. This term shall not include: electric personal assistive mobility devices, motorized bicycles [or], low-speed vehicles, or low-speed electric bicycles; or motorized wheelchairs,
mobility scooters or similar mobility assisting devices used by
persons with physical disabilities, or persons whose ambulatory
mobility has been impaired by age or illness.

"Motorized skateboard" means a skateboard that is propelled
otherwise than by muscular power.

"Motorized wheelchair" means any motor-driven wheelchair
utilized to increase the independent mobility, in the activities of
daily living, of an individual who has limited or no ambulation
abilities, and includes mobility scooters manufactured specifically
for such purposes and designed primarily for indoor use.

"Noncommercial truck" means every motor vehicle designed
primarily for transportation of property, and which is not a
"commercial vehicle."

"Official traffic control devices" means all signs, signals,
markings, and devices not inconsistent with this subtitle placed or
erected by authority of a public body or official having jurisdiction
for the purpose of regulating, warning, or guiding traffic.

"Omnibus" includes all motor vehicles used for the
transportation of passengers for hire, except commuter vans and
vehicles used in ridesharing arrangements and school buses, if the
same are not otherwise used in the transportation of passengers for
hire.

"Operator" means a person who is in actual physical control of a
vehicle or street car.

"Outside lane" means the lane nearest the curb or outer edge of
the roadway.

"Owner" means a person who holds the legal title of a vehicle, or
if a vehicle is the subject of an agreement for the conditional sale or
lease thereof with the right of purchase upon performance of the
conditions stated in the agreement and with an immediate right of
possession vested in the conditional vendee or lessee, or if a
mortgagor of a vehicle is entitled to possession, then the conditional
vendee, lessee or mortgagor shall be deemed the owner for the
purpose of this subtitle.

"Parking" means the standing or waiting on a street, road or
highway of a vehicle not actually engaged in receiving or
discharging passengers or merchandise, unless in obedience to
traffic regulations or traffic signs or signals.

"Passenger automobile" means all automobiles used and
designed for the transportation of passengers, other than omnibuses
and school buses.

"Pedestrian" means a person afoot.

"Person" includes natural persons, firms, copartnerships,
associations, and corporations.

"Pneumatic tire" means every tire in which compressed air is
designed to support the load.

"Pole trailer" means every vehicle without motive power
designed to be drawn by another vehicle and attached to the towing
vehicle by means of a reach, or pole, or by being boomed or otherwise secured to the towing vehicle, and ordinarily used for transporting long or irregularly shaped loads, such as poles, pipes, or structural members capable, generally, of sustaining themselves as beams between the supporting connections. "Private road or driveway" means every road or driveway not open to the use of the public for purposes of vehicular travel. "Railroad train" means a steam engine, electric or other motor, with or without cars coupled thereto, operated upon rails, except street cars. "Recreation vehicle" means a self-propelled or towed vehicle equipped to serve as temporary living quarters for recreational, camping or travel purposes and used solely as a family or personal conveyance. "Residence district" means that portion of a highway and the territory contiguous thereto, not comprising a business district, where within any 600 feet along such highway there are buildings in use for business or residential purposes which occupy 300 feet or more of frontage on at least one side of the highway. "Ridesharing" means the transportation of persons in a motor vehicle, with a maximum carrying capacity of not more than 15 passengers, including the driver, where such transportation is incidental to the purpose of the driver. The term shall include such ridesharing arrangements known as car pools and van pools. "Right-of-way" means the privilege of the immediate use of the highway. "Road tractor" means every motor vehicle designed and used for drawing other vehicles and not so constructed as to carry any load thereon either independently or any part of the weight of a vehicle or load so drawn. "Roadway" means that portion of a highway improved, designed, or ordinarily used for vehicular travel, exclusive of the berm or shoulder. In the event a highway includes two or more separate roadways, the term "roadway" as used herein shall refer to any such roadway separately, but not to all such roadways, collectively. "Safety zone" means the area or space officially set aside within a highway for the exclusive use of pedestrians, which is so plainly marked or indicated by proper signs as to be plainly visible at all times while set apart as a safety zone. "School bus" means every motor vehicle operated by, or under contract with, a public or governmental agency, or religious or other charitable organization or corporation, or privately operated for the transportation of children to or from school for secular or religious education, which complies with the regulations of the New Jersey Motor Vehicle Commission affecting school buses, including "School Vehicle Type I" and "School Vehicle Type II" as defined below:
"School Vehicle Type I" means any vehicle designed to transport 16 or more passengers, including the driver, used to transport enrolled children, and adults only when serving as chaperones, to or from a school, school connected activity, day camp, summer day camp, summer residence camp, nursery school, child care center, preschool center or other similar places of education. Such vehicle shall comply with the regulations of the New Jersey Motor Vehicle Commission and either the Department of Education or the Department of Human Services, whichever is the appropriate supervising agency.

"School Vehicle Type II" means any vehicle designed to transport less than 16 passengers, including the driver, used to transport enrolled children, and adults only when serving as chaperones, to or from a school, school connected activity, day camp, summer day camp, summer residence camp, nursery school, child care center, preschool center or other similar places of education. Such vehicle shall comply with the regulations of the New Jersey Motor Vehicle Commission and either the Department of Education or the Department of Human Services, whichever is the appropriate supervising agency.

"School zone" means that portion of a highway which is either contiguous to territory occupied by a school building or is where school crossings are established in the vicinity of a school, upon which are maintained appropriate "school signs" in accordance with specifications adopted by the chief administrator and in accordance with law.

"School crossing" means that portion of a highway where school children are required to cross the highway in the vicinity of a school.

"Semitrailer" means every vehicle with or without motive power, other than a pole trailer, designed for carrying persons or property and for being drawn by a motor vehicle and so constructed that some part of its weight and that of its load rests upon or is carried by another vehicle.

"Shipper" means any person who shall deliver, or cause to be delivered, any commodity, produce or article for transportation as the contents or load of a commercial motor vehicle. In the case of a sealed ocean container, "shipper" shall not be construed to include any person whose activities with respect to the shipment are limited to the solicitation or negotiation of the sale, resale, or exchange of the commodity, produce or article within that container.

"Shoulder" means that portion of the highway, exclusive of and bordering the roadway, designed for emergency use but not ordinarily to be used for vehicular travel.

"Sidewalk" means that portion of a highway intended for the use of pedestrians, between the curb line or the lateral line of a shoulder, or if none, the lateral line of the roadway and the adjacent right-of-way line.
"Sign." See "Official traffic control devices."

"Slow-moving vehicle" means a vehicle run at a speed less than the maximum speed then and there permissible.

"Solid tire" means every tire of rubber or other resilient material which does not depend upon compressed air for the support of the load.

"Street" means the same as highway.

"Street car" means a car other than a railroad train, for transporting persons or property and operated upon rails principally within a municipality.

"Stop," when required, means complete cessation from movement.

"Stopping or standing," when prohibited, means any cessation of movement of a vehicle, whether occupied or not, except when necessary to avoid conflict with other traffic or in compliance with the directions of a police officer or traffic control sign or signal.

"Suburban business or residential district" means that portion of highway and the territory contiguous thereto, where within any 1,320 feet along that highway there is land in use for business or residential purposes and that land occupies more than 660 feet of frontage on one side or collectively more than 660 feet of frontage on both sides of that roadway.

"Through highway" means every highway or portion thereof at the entrances to which vehicular traffic from intersecting highways is required by law to stop before entering or crossing the same and when stop signs are erected as provided in this chapter.

"Trackless trolley" means every motor vehicle which is propelled by electric power obtained from overhead trolley wires but not operated upon rails.

"Traffic" means pedestrians, ridden or herded animals, vehicles, street cars, and other conveyances either singly, or together, while using any highway for purposes of travel.

"Traffic control signal" means a device, whether manually, electrically, mechanically, or otherwise controlled, by which traffic is alternately directed to stop and to proceed.

"Trailer" means every vehicle with or without motive power, other than a pole trailer, designed for carrying persons or property and for being drawn by a motor vehicle and so constructed that no part of its weight rests upon the towing vehicle.

"Truck" means every motor vehicle designed, used, or maintained primarily for the transportation of property.

"Truck tractor" means every motor vehicle designed and used primarily for drawing other vehicles and not so constructed as to carry a load other than a part of the weight of the vehicle and load so drawn.

"Van pooling" means seven or more persons commuting on a daily basis to and from work by means of a vehicle with a seating arrangement designed to carry seven to 15 adult passengers.
"Vehicle" means every device in, upon or by which a person or property is or may be transported upon a highway, excepting devices moved by human power or used exclusively upon stationary rails or tracks or motorized bicycles.

(cf: P.L.2016, c.35, s.1)

2. (New section) a. A low-speed electric bicycle, as defined in R.S.39:1-1, may be operated on the streets, highways, sidewalks, and bicycle paths of this State.

b. The operator of a low-speed electric bicycle shall not be required to register the low-speed electric bicycle, furnish proof of insurance, or have a driver’s license.

c. All statutes, including the provisions of chapter 4 of Title 39 of the Revised Statutes, rules, and regulations applicable to bicycles, as defined in section 1 of P.L.1991, c.465 (C.39:4-10.1), shall apply to low-speed electric bicycles.

3. This act shall take effect immediately.

STATEMENT

This bill expressly permits the operation of low-speed electric bicycles in this State. Under the bill, low-speed electric bicycles may be operated on streets, highways, sidewalks, and bicycle paths. An operator of a low-speed electric bicycle is not required to register the low-speed electric bicycle, furnish proof of insurance, or have a driver’s license.

The bill further provides that all statutes, including the provisions of chapter 4 of Title 39 of the Revised Statutes, rules, and regulations that are applicable to bicycles are to apply to low-speed electric bicycles.

The bill defines a low-speed electric bicycle as a two or three-wheeled vehicle with fully operable pedals and an electric motor of less than 750 watts, whose maximum speed on a paved level surface, when powered solely by a motor while operated by a person weighing 170 pounds, is less than 20 miles per hour.

The bill also clarifies that the definitions of a motor vehicle, motorcycle, motorized bicycle, and motorized scooter do not include a low-speed electric bicycle.