

SENATE BILL NO. 501

September 14, 2023, Introduced by Senator CAMILLERI and referred to the Committee on Transportation and Infrastructure.

A bill to amend 1949 PA 300, entitled
"Michigan vehicle code,"
by amending section 722 (MCL 257.722), as amended by 2018 PA 274.

THE PEOPLE OF THE STATE OF MICHIGAN ENACT:

1 Sec. 722. (1) Except as otherwise provided in this section,
2 the maximum axle load ~~shall~~**must** not exceed the number of pounds
3 designated in the following provisions that prescribe the distance
4 between axles:

5 (a) If the axle spacing is 9 feet or more between axles, the

1 maximum axle load ~~shall~~**must** not exceed 18,000 pounds for vehicles
2 equipped with high pressure pneumatic or balloon tires.

3 (b) If the axle spacing is less than 9 feet between 2 axles
4 but more than 3-1/2 feet, the maximum axle load ~~shall~~**must** not
5 exceed 13,000 pounds for high pressure pneumatic or balloon tires.

6 (c) If the axles are spaced less than 3-1/2 feet apart, the
7 maximum axle load ~~shall~~**must** not exceed 9,000 pounds per axle.

8 (d) Subdivisions (a), (b), and (c) shall be known as the
9 normal loading maximum.

10 (2) When normal loading is in effect, the state transportation
11 department, or a local authority with respect to highways under its
12 jurisdiction, may designate certain highways, or sections of those
13 highways, where bridges and road surfaces are adequate for heavier
14 loading, and revise a designation as needed, on which the maximum
15 tandem axle assembly loading ~~shall~~**must** not exceed 16,000 pounds
16 for any axle of the assembly, if there is no other axle within 9
17 feet of any axle of the assembly.

18 (3) A combination of vehicles may operate on designated
19 highways with not more than 1 tandem axle assembly having a gross
20 weight of 16,000 pounds per axle, if there is no other axle within
21 9 feet of the assembly. On a combination of truck tractor and
22 semitrailer having not more than 5 axles, 2 consecutive tandem axle
23 assemblies may operate on designated highways at a gross
24 permissible weight of 16,000 pounds per axle, if there is no other
25 axle within 9 feet of any axle of either assembly.

26 (4) Notwithstanding subsection (3), on a combination of truck
27 tractor and semitrailer having not more than 5 axles, 2 consecutive
28 sets of tandem axles may carry a gross permissible weight of not to
29 exceed 17,000 pounds on any axle of the tandem axles if there is no

1 other axle within 9 feet of any axle of the tandem axles and if the
2 first and last axles of the consecutive sets of tandem axles are
3 not less than 36 feet apart and the gross vehicle weight does not
4 exceed 80,000 pounds to pick up and deliver agricultural
5 commodities between the national truck network or special
6 designated highways and any other highway. This subsection is not
7 subject to the maximum axle loads of subsections (1), (2), and (3).
8 For purposes of this subsection, a "tandem axle" means 2 axles
9 spaced more than 40 inches but not more than 96 inches apart or 2
10 axles spaced more than 3-1/2 feet but less than 9 feet apart. This
11 subsection does not apply during that period when reduced maximum
12 loads are in effect under subsection (8).

13 (5) The seasonal reductions described under subsection (8) to
14 the loading maximums and gross vehicle weight requirement of
15 subsection (12) do not apply to a person hauling agricultural
16 commodities if the person who picks up or delivers the agricultural
17 commodity either from a farm or to a farm notifies the county road
18 commission for roads under its authority not less than 48 hours
19 before the pickup or delivery of the time and location of the
20 pickup or delivery. The county road commission shall issue a permit
21 to the person and charge a fee that does not exceed the
22 administrative costs incurred. The permit ~~shall~~**must** contain all of
23 the following:

24 (a) The designated route or routes of travel for the load.

25 (b) The date and time period requested by the person who picks
26 up or delivers the agricultural commodities during which the load
27 may be delivered or picked up.

28 (c) A maximum speed limit of travel, if necessary.

29 (d) Any other specific conditions agreed to between the

1 parties.

2 (6) The seasonal reductions described under subsection (8) to
3 the loading maximums and gross vehicle weight requirements of
4 subsection (12) do not apply to public utility vehicles under the
5 following circumstances:

6 (a) For emergency public utility work on restricted roads, as
7 follows:

8 (i) If required by the county road commission, the public
9 utility or its subcontractor shall notify the county road
10 commission, as soon as practical, of the location of the emergency
11 public utility work and provide a statement that the vehicles that
12 were used to perform the emergency utility work may have exceeded
13 the loading maximums and gross vehicle weight requirements of
14 subsection (12) as reduced under subsection (8). The notification
15 may be made via facsimile or electronically.

16 (ii) The public utility vehicle travels to and from the site of
17 the emergency public utility work while on a restricted road at a
18 speed not greater than 35 miles per hour.

19 (b) For nonemergency public utility work on restricted roads,
20 as follows:

21 (i) If the county road commission requires, the public utility
22 or its subcontractor shall apply to the county road commission
23 annually for a seasonal truck permit for roads under its authority
24 before seasonal weight restrictions are effective. The county road
25 commission shall issue a seasonal truck permit for each public
26 utility vehicle or vehicle configuration the public utility or
27 subcontractor anticipates will be utilized for nonemergency public
28 utility work. The county road commission may charge a fee for a
29 seasonal truck permit that does not exceed the administrative costs

1 incurred for the permit. The seasonal truck permit ~~shall~~**must**
2 contain all of the following:

3 (A) The seasonal period requested by the public utility or
4 subcontractor during which the permit is valid.

5 (B) A unique identification number for the vehicle and any
6 vehicle configuration to be covered on the seasonal truck permit
7 requested by the public utility or subcontractor.

8 (C) A requirement that travel on restricted roads during
9 weight restrictions will be minimized and only utilized when
10 necessary to perform public utility work using the public utility
11 vehicle or vehicle configuration and that nonrestricted roads ~~shall~~
12 **must** be used for travel when available and for routine travel.

13 (D) A requirement that in the case of a subcontractor the
14 permit is only valid while the subcontractor vehicle is being
15 operated in the performance of public utility work.

16 (E) A requirement that a subcontractor vehicle or vehicle
17 configuration ~~shall~~**must** display signage on the outside of the
18 vehicle to identify the vehicle as operating on behalf of the
19 public utility.

20 (ii) If the county road commission requires notification, the
21 county road commission shall provide a notification application for
22 the public utility or its subcontractor to use when requesting
23 access to operate on restricted roads and the public utility or its
24 subcontractor shall provide notification to the county road
25 commission, via facsimile or electronically, not later than 24
26 hours before the time of the intended travel. A subcontractor using
27 a vehicle on a restricted road shall have a copy of any
28 notification provided to a county road commission in the
29 subcontractor's possession while performing the relevant

1 nonemergency work. Notwithstanding this subsection or an agreement
2 under this subsection, if the county road commission determines
3 that the condition of a particular road under its jurisdiction
4 makes it unusable, the county road commission may deny access to
5 all or any part of that road. The denial ~~shall~~**must** be made and
6 communicated via facsimile or electronically to the public utility
7 or its subcontractor within 24 hours after receiving notification
8 that the public utility or subcontractors intends to perform
9 nonemergency work that requires use of that road. Any notification
10 that is not disapproved within 24 hours after the notice is
11 received by the county road commission is considered approved. The
12 notification application required under this subparagraph may
13 include all of the following information:

14 (A) The address or location of the nonemergency work.

15 (B) The date or dates of the nonemergency work.

16 (C) The route to be taken to the nonemergency work site.

17 (D) The restricted road or roads intended to be traveled upon
18 to the nonemergency work site or sites.

19 (E) In the case of a subcontractor, the utility on whose
20 behalf the subcontractor is performing services.

21 (7) The normal size of tires ~~shall~~**must** be the rated size as
22 published by the manufacturers, and the maximum wheel load
23 permissible for any wheel ~~shall~~**must** not exceed 700 pounds per inch
24 of width of tire.

25 (8) Except as provided in this subsection and subsection (9),
26 during the months of March, April, and May in each year, the
27 maximum axle load allowable on concrete pavements or pavements with
28 a concrete base is reduced by 25% from the maximum axle load as
29 specified in this chapter, and the maximum axle loads allowable on

1 all other types of roads during these months are reduced by 35%
2 from the maximum axle loads as specified. The maximum wheel load
3 ~~shall~~**must** not exceed 525 pounds per inch of tire width on concrete
4 and concrete base or 450 pounds per inch of tire width on all other
5 roads during the period the seasonal road restrictions are in
6 effect. Subject to subsection (5), this subsection does not apply
7 to vehicles transporting agricultural commodities or, subject to
8 subsection (6), public utility vehicles on a highway, road, or
9 street under the jurisdiction of a local road agency, or a school
10 bus. In addition, this subsection does not apply to a vehicle
11 delivering propane fuel to a residence if the vehicle's propane
12 tank is filled to not more than 50% of its capacity and the vehicle
13 is traveling at not more than 35 miles per hour. The state
14 transportation department and each local authority with highways
15 and streets under its jurisdiction to which the seasonal
16 restrictions prescribed under this subsection apply shall post all
17 of the following information on the homepage of its website or, if
18 a local authority does not have a website, then on the website of a
19 statewide road association of which it is a member:

20 (a) The dates when the seasonal restrictions are in effect.

21 (b) The names of the highways and streets and portions of
22 highways and streets to which the seasonal restrictions apply.

23 (9) The state transportation department for roads under its
24 jurisdiction and a county road commission for roads under its
25 jurisdiction may grant exemptions from seasonal weight restrictions
26 for milk on specified routes when requested in writing. Approval or
27 denial of a request for an exemption ~~shall~~**must** be given by written
28 notice to the applicant within 30 days after the date of submission
29 of the application. If a request is denied, the written notice

1 ~~shall~~**must** state the reason for denial and alternate routes for
2 which the permit may be issued. The applicant may appeal to the
3 state transportation commission or the county road commission.
4 These exemptions do not apply on county roads in counties that have
5 negotiated agreements with milk haulers or haulers of other
6 commodities during periods of seasonal load limits before April 14,
7 1993. This subsection does not limit the ability of these counties
8 to continue to negotiate such agreements.

9 (10) The state transportation department, or a local authority
10 with respect to highways under its jurisdiction, may suspend the
11 restrictions imposed by this section when and where conditions of
12 the highways or the public health, safety, and welfare warrant
13 suspension, and impose the restricted loading requirements of this
14 section on designated highways at any other time that the
15 conditions of the highway require.

16 (11) For the purpose of enforcing this act, the gross vehicle
17 weight of a single vehicle and load or a combination of vehicles
18 and loads ~~shall~~**must** be determined by weighing individual axles or
19 groups of axles, and the total weight on all the axles ~~shall be~~**is**
20 the gross vehicle weight. In addition, the gross axle weight ~~shall~~
21 **must** be determined by weighing individual axles or by weighing a
22 group of axles and dividing the gross weight of the group of axles
23 by the number of axles in the group. For purposes of subsection
24 (12), the overall gross weight on a group of 2 or more axles ~~shall~~
25 **must** be determined by weighing individual axles or several axles,
26 and the total weight of all the axles in the group ~~shall be~~**is** the
27 overall gross weight of the group.

28 (12) The loading maximum in this subsection applies to
29 interstate highways, and the state transportation department, or a

1 local authority with respect to highways under its jurisdiction,
 2 may designate a highway, or a section of a highway, for the
 3 operation of vehicles having a gross vehicle weight of not more
 4 than 80,000 pounds that are subject to the following load maximums:

5 (a) Twenty thousand pounds on any 1 axle, including all
 6 enforcement tolerances.

7 (b) A tandem axle weight of 34,000 pounds, including all
 8 enforcement tolerances.

9 (c) An overall gross weight on a group of 2 or more
 10 consecutive axles equaling:

11
$$W=500[(LN)/(N-1)+12N+36]$$

12 where W = overall gross weight on a group of 2 or more
 13 consecutive axles to the nearest 500 pounds, L = distance in feet
 14 between the extreme of a group of 2 or more consecutive axles, and
 15 N = number of axles in the group under consideration; except that 2
 16 consecutive sets of tandem axles may carry a gross load of 34,000
 17 pounds each if the first and last axles of the consecutive sets of
 18 tandem axles are not less than 36 feet apart. The gross vehicle
 19 weight ~~shall~~**must** not exceed 80,000 pounds including all
 20 enforcement tolerances. Except for 5 axle truck tractor,
 21 semitrailer combinations having 2 consecutive sets of tandem axles,
 22 vehicles having a gross weight in excess of 80,000 pounds or in
 23 excess of the vehicle gross weight determined by application of the
 24 formula in this subsection are subject to the maximum axle loads of
 25 subsections (1), (2), and (3). As used in this subsection, "tandem
 26 axle weight" means the total weight transmitted to the road by 2 or
 27 more consecutive axles, the centers of which may be included
 28 between parallel transverse vertical planes spaced more than 40
 29 inches but not more than 96 inches apart, extending across the full

1 width of the vehicle. Except as otherwise provided in this section,
2 vehicles transporting agricultural commodities ~~shall have the~~
3 weight load maximums ~~as set forth in~~ **under** this subsection.

4 (13) The axle loading maximums under subsections (1), (2),
5 (3), and (4) are increased by 10% for vehicles transporting
6 agricultural commodities or raw timber, excluding farm equipment
7 and fuel, from the place of harvest or farm storage to the first
8 point of delivery on a road in this state. However, the axle
9 loading maximums as increased under this subsection do not alter
10 the gross vehicle weight restrictions ~~set forth in~~ **under** this act.
11 This subsection does not apply to either of the following:

12 (a) A vehicle utilizing an interstate highway.

13 (b) A vehicle utilizing a road that is subject to seasonal
14 weight restrictions under subsection (8) during the time that the
15 seasonal weight restrictions are in effect.

16 (14) Notwithstanding any other provision of this section, a
17 vehicle that has a gross weight of 80,000 pounds or less and that
18 is operated by an engine that is fueled wholly or partially by
19 compressed or liquefied natural gas may exceed the axle loading
20 maximums under subsections (1), (2), (3), and (4) and the weight
21 load maximums under subsection (12) by an amount equal to the
22 difference between the weight of the vehicle attributable to the
23 natural gas tank and fueling system carried by that vehicle and the
24 weight of a comparable diesel tank and fueling system. The amount
25 by which a vehicle described in this subsection may exceed the axle
26 loading maximums under subsections (1), (2), (3), and (4) and the
27 weight load maximums under subsection (12) ~~shall~~ **must** not exceed
28 2,000 pounds.

29 (15) **Notwithstanding any other provision of this section, an**

1 electric truck tractor may exceed the axle loading maximums under
2 subsections (1), (2), (3), and (4) and the weight load maximums
3 under subsection (12) by a gross weight of not more than 2,000
4 pounds. An electric truck tractor or a combination of an electric
5 truck tractor and a semitrailer must not exceed a maximum gross
6 weight of 82,000 pounds.

7 (16) ~~(15)~~—As used in this section:

8 (a) "Agricultural commodities" means those plants and animals
9 useful to human beings produced by agriculture and includes, but is
10 not limited to, forages and sod crops, grains and feed crops, field
11 crops, dairy and dairy products, poultry and poultry products,
12 cervidae, livestock, including breeding and grazing, equine, fish,
13 and other aquacultural products, bees and bee products, berries,
14 herbs, fruits, vegetables, flowers, seeds, grasses, nursery stock,
15 mushrooms, fertilizer, livestock bedding, farming equipment, fuel
16 for agricultural use, and maple sap. Agricultural commodities do
17 not include trees or lumber.

18 (b) "Electric truck tractor" means a truck tractor that is an
19 electric vehicle as that term is defined in section 801(7)(b).

20 (c) ~~(b)~~—"Emergency public utility work" means work performed
21 to restore public utility service or to eliminate a danger to the
22 public due to a natural disaster, an act of God, or an emergency
23 situation, whether or not a public official has declared an
24 emergency.

25 (d) ~~(e)~~—"Farm storage" means any of the following:

26 (i) An edifice, silo, tank, bin, crib, interstice, or protected
27 enclosed structure, or more than 1 edifice, silo, tank, bin, crib,
28 interstice, or protected enclosed structure located contiguous to
29 each other.

1 (ii) An open environment used for the purpose of temporarily
2 storing a crop.

3 (e) ~~(d)~~—"Public utility" means a public utility under the
4 jurisdiction of the public service commission or a transmission
5 company.

6 (f) ~~(e)~~—"Public utility vehicle" means a vehicle owned or
7 operated by a public utility or operated by a subcontractor on
8 behalf of a public utility.

9 (g) ~~(f)~~—"Transmission company" means either an affiliated
10 transmission company or an independent transmission company as
11 those terms are defined in section 2 of the electric transmission
12 line certification act, 1995 PA 30, MCL 460.562.