

HB6048



99TH GENERAL ASSEMBLY

State of Illinois

2015 and 2016

HB6048

Introduced 2/11/2016, by Rep. Jerry F. Costello, II

SYNOPSIS AS INTRODUCED:

625 ILCS 5/15-111

from Ch. 95 1/2, par. 15-111

Amends the Illinois Vehicle Code. Provides that from September 1, through December 31, a truck used to transport grain sorghum may, except on an interstate highway, have a gross maximum weight of 90,000 pounds and an axle weight 12.5% above the applicable axle weight limit. Effective July 1, 2016.

LRB099 18948 AXK 43337 b

A BILL FOR

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 15-111 as follows:

6 (625 ILCS 5/15-111) (from Ch. 95 1/2, par. 15-111)

7 Sec. 15-111. Wheel and axle loads and gross weights.

8 (a) No vehicle or combination of vehicles with pneumatic
9 tires may be operated, unladen or with load, when the total
10 weight on the road surface exceeds the following: 20,000 pounds
11 on a single axle; 34,000 pounds on a tandem axle with no axle
12 within the tandem exceeding 20,000 pounds; 80,000 pounds gross
13 weight for vehicle combinations of 5 or more axles; or a total
14 weight on a group of 2 or more consecutive axles in excess of
15 that weight produced by the application of the following
16 formula: $W = 500 \text{ times the sum of } (LN \text{ divided by } N-1) + 12N +$
17 36 , where "W" equals overall total weight on any group of 2 or
18 more consecutive axles to the nearest 500 pounds, "L" equals
19 the distance measured to the nearest foot between extremes of
20 any group of 2 or more consecutive axles, and "N" equals the
21 number of axles in the group under consideration.

22 The above formula when expressed in tabular form results in
23 allowable loads as follows:

| | | | | | | |
|----|-------------------|---------|-----------------------------|---------|---------|---------|
| 1 | Distance measured | | | | | |
| 2 | to the nearest | | | | | |
| 3 | foot between the | | | | | |
| 4 | extremes of any | | Maximum weight in pounds | | | |
| 5 | group of 2 or | | of any group of | | | |
| 6 | more consecutive | | 2 or more consecutive axles | | | |
| 7 | axles | | | | | |
| 8 | feet | 2 axles | 3 axles | 4 axles | 5 axles | 6 axles |
| 9 | 4 | 34,000 | | | | |
| 10 | 5 | 34,000 | | | | |
| 11 | 6 | 34,000 | | | | |
| 12 | 7 | 34,000 | | | | |
| 13 | 8 | 38,000* | 42,000 | | | |
| 14 | 9 | 39,000 | 42,500 | | | |
| 15 | 10 | 40,000 | 43,500 | | | |
| 16 | 11 | | 44,000 | | | |
| 17 | 12 | | 45,000 | 50,000 | | |
| 18 | 13 | | 45,500 | 50,500 | | |
| 19 | 14 | | 46,500 | 51,500 | | |
| 20 | 15 | | 47,000 | 52,000 | | |
| 21 | 16 | | 48,000 | 52,500 | 58,000 | |
| 22 | 17 | | 48,500 | 53,500 | 58,500 | |
| 23 | 18 | | 49,500 | 54,000 | 59,000 | |
| 24 | 19 | | 50,000 | 54,500 | 60,000 | |
| 25 | 20 | | 51,000 | 55,500 | 60,500 | 66,000 |

| | | | | | |
|----|----|--------|--------|--------|--------|
| 1 | 21 | 51,500 | 56,000 | 61,000 | 66,500 |
| 2 | 22 | 52,500 | 56,500 | 61,500 | 67,000 |
| 3 | 23 | 53,000 | 57,500 | 62,500 | 68,000 |
| 4 | 24 | 54,000 | 58,000 | 63,000 | 68,500 |
| 5 | 25 | 54,500 | 58,500 | 63,500 | 69,000 |
| 6 | 26 | 55,500 | 59,500 | 64,000 | 69,500 |
| 7 | 27 | 56,000 | 60,000 | 65,000 | 70,000 |
| 8 | 28 | 57,000 | 60,500 | 65,500 | 71,000 |
| 9 | 29 | 57,500 | 61,500 | 66,000 | 71,500 |
| 10 | 30 | 58,500 | 62,000 | 66,500 | 72,000 |
| 11 | 31 | 59,000 | 62,500 | 67,500 | 72,500 |
| 12 | 32 | 60,000 | 63,500 | 68,000 | 73,000 |
| 13 | 33 | | 64,000 | 68,500 | 74,000 |
| 14 | 34 | | 64,500 | 69,000 | 74,500 |
| 15 | 35 | | 65,500 | 70,000 | 75,000 |
| 16 | 36 | | 66,000 | 70,500 | 75,500 |
| 17 | 37 | | 66,500 | 71,000 | 76,000 |
| 18 | 38 | | 67,500 | 72,000 | 77,000 |
| 19 | 39 | | 68,000 | 72,500 | 77,500 |
| 20 | 40 | | 68,500 | 73,000 | 78,000 |
| 21 | 41 | | 69,500 | 73,500 | 78,500 |
| 22 | 42 | | 70,000 | 74,000 | 79,000 |
| 23 | 43 | | 70,500 | 75,000 | 80,000 |
| 24 | 44 | | 71,500 | 75,500 | |
| 25 | 45 | | 72,000 | 76,000 | |
| 26 | 46 | | 72,500 | 76,500 | |

| | | | |
|----|----|--------|--------|
| 1 | 47 | 73,500 | 77,500 |
| 2 | 48 | 74,000 | 78,000 |
| 3 | 49 | 74,500 | 78,500 |
| 4 | 50 | 75,500 | 79,000 |
| 5 | 51 | 76,000 | 80,000 |
| 6 | 52 | 76,500 | |
| 7 | 53 | 77,500 | |
| 8 | 54 | 78,000 | |
| 9 | 55 | 78,500 | |
| 10 | 56 | 79,500 | |
| 11 | 57 | 80,000 | |

12 *If the distance between 2 axles is 96 inches or less, the 2
13 axles are tandem axles and the maximum total weight may not
14 exceed 34,000 pounds, notwithstanding the higher limit
15 resulting from the application of the formula.

16 Vehicles not in a combination having more than 4 axles may
17 not exceed the weight in the table in this subsection (a) for 4
18 axles measured between the extreme axles of the vehicle.

19 Vehicles in a combination having more than 6 axles may not
20 exceed the weight in the table in this subsection (a) for 6
21 axles measured between the extreme axles of the combination.

22 Local authorities, with respect to streets and highways
23 under their jurisdiction, without additional fees, may also by
24 ordinance or resolution allow the weight limitations of this
25 subsection, provided the maximum gross weight on any one axle
26 shall not exceed 20,000 pounds and the maximum total weight on

1 any tandem axle shall not exceed 34,000 pounds, on designated
2 highways when appropriate regulatory signs giving notice are
3 erected upon the street or highway or portion of any street or
4 highway affected by the ordinance or resolution.

5 The following are exceptions to the above formula:

6 (1) Vehicles for which a different limit is established
7 and posted in accordance with Section 15-316 of this Code.

8 (2) Vehicles for which the Department of
9 Transportation and local authorities issue overweight
10 permits under authority of Section 15-301 of this Code.
11 These vehicles are not subject to the bridge formula.

12 (3) Cities having a population of more than 50,000 may
13 permit by ordinance axle loads on 2-axle motor vehicles 33
14 1/2% above those provided for herein, but the increase
15 shall not become effective until the city has officially
16 notified the Department of the passage of the ordinance and
17 shall not apply to those vehicles when outside of the
18 limits of the city, nor shall the gross weight of any
19 2-axle motor vehicle operating over any street of the city
20 exceed 40,000 pounds.

21 (4) Weight limitations shall not apply to vehicles
22 (including loads) operated by a public utility when
23 transporting equipment required for emergency repair of
24 public utility facilities or properties or water wells.

25 (4.5) A 3-axle or 4-axle vehicle (including when laden)
26 operated or hired by a municipality within Cook, Lake,

1 McHenry, Kane, DuPage, or Will county being operated for
2 the purpose of performing emergency sewer repair that would
3 be subject to a weight limitation less than 66,000 pounds
4 under the formula in this subsection (a) shall have a
5 weight limitation of 66,000 pounds or the vehicle's gross
6 vehicle weight rating, whichever is less. This paragraph
7 (4.5) does not apply to vehicles being operated on the
8 National System of Interstate and Defense Highways, or to
9 vehicles being operated on bridges or other elevated
10 structures constituting a part of a highway.

11 (5) Two consecutive sets of tandem axles may carry a
12 total weight of 34,000 pounds each if the overall distance
13 between the first and last axles of the consecutive sets of
14 tandem axles is 36 feet or more, notwithstanding the lower
15 limit resulting from the application of the above formula.

16 (6) A truck, not in combination and used exclusively
17 for the collection of rendering materials, may, when laden,
18 transmit upon the road surface, except when on part of the
19 National System of Interstate and Defense Highways, the
20 following maximum weights: 22,000 pounds on a single axle;
21 40,000 pounds on a tandem axle.

22 (7) A truck not in combination, equipped with a self
23 compactor or an industrial roll-off hoist and roll-off
24 container, used exclusively for garbage, refuse, or
25 recycling operations, may, when laden, transmit upon the
26 road surface, except when on part of the National System of

1 Interstate and Defense Highways, the following maximum
2 weights: 22,000 pounds on a single axle; 40,000 pounds on a
3 tandem axle; 40,000 pounds gross weight on a 2-axle
4 vehicle; 54,000 pounds gross weight on a 3-axle vehicle.
5 This vehicle is not subject to the bridge formula.

6 (7.5) A 3-axle rear discharge truck mixer registered as
7 a Special Hauling Vehicle, used exclusively for the mixing
8 and transportation of concrete in the plastic state, may,
9 when laden, transmit upon the road surface, except when on
10 part of the National System of Interstate and Defense
11 Highways, the following maximum weights: 22,000 pounds on
12 single axle; 40,000 pounds on a tandem axle; 54,000 pounds
13 gross weight on a 3-axle vehicle. This vehicle is not
14 subject to the bridge formula.

15 (8) Except as provided in paragraph (7.5) of this
16 subsection (a), tandem axles on a 3-axle truck registered
17 as a Special Hauling Vehicle, manufactured prior to or in
18 the model year of 2024 and first registered in Illinois
19 prior to January 1, 2025, with a distance greater than 72
20 inches but not more than 96 inches between any series of 2
21 axles, is allowed a combined weight on the series not to
22 exceed 36,000 pounds and neither axle of the series may
23 exceed 20,000 pounds. Any vehicle of this type manufactured
24 after the model year of 2024 or first registered in
25 Illinois after December 31, 2024 may not exceed a combined
26 weight of 34,000 pounds through the series of 2 axles and

1 neither axle of the series may exceed 20,000 pounds.

2 A 3-axle combination sewer cleaning jetting vacuum
3 truck registered as a Special Hauling Vehicle, used
4 exclusively for the transportation of non-hazardous solid
5 waste, manufactured before or in the model year of 2014,
6 first registered in Illinois before January 1, 2015, may,
7 when laden, transmit upon the road surface, except when on
8 part of the National System of Interstate and Defense
9 Highways, the following maximum weights: 22,000 pounds on a
10 single axle; 40,000 pounds on a tandem axle; 54,000 pounds
11 gross weight on a 3-axle vehicle. This vehicle is not
12 subject to the bridge formula.

13 (9) A 4-axle truck mixer registered as a Special
14 Hauling Vehicle, used exclusively for the mixing and
15 transportation of concrete in the plastic state, and not
16 operated on a highway that is part of the National System
17 of Interstate Highways, is allowed the following maximum
18 weights: 20,000 pounds on any single axle; 36,000 pounds on
19 a series of axles greater than 72 inches but not more than
20 96 inches; and 34,000 pounds on any series of 2 axles
21 greater than 40 inches but not more than 72 inches. The
22 gross weight of this vehicle may not exceed the weights
23 allowed by the bridge formula for 4 axles. The bridge
24 formula does not apply to any series of 3 axles while the
25 vehicle is transporting concrete in the plastic state, but
26 no axle or tandem axle of the series may exceed the maximum

1 weight permitted under this paragraph (9) of subsection
2 (a).

3 (10) Combinations of vehicles, registered as Special
4 Hauling Vehicles that include a semitrailer manufactured
5 prior to or in the model year of 2024, and registered in
6 Illinois prior to January 1, 2025, having 5 axles with a
7 distance of 42 feet or less between extreme axles, may not
8 exceed the following maximum weights: 20,000 pounds on a
9 single axle; 34,000 pounds on a tandem axle; and 72,000
10 pounds gross weight. This combination of vehicles is not
11 subject to the bridge formula. For all those combinations
12 of vehicles that include a semitrailer manufactured after
13 the effective date of P.A. 92-0417, the overall distance
14 between the first and last axles of the 2 sets of tandems
15 must be 18 feet 6 inches or more. Any combination of
16 vehicles that has had its cargo container replaced in its
17 entirety after December 31, 2024 may not exceed the weights
18 allowed by the bridge formula.

19 (11) The maximum weight allowed on a vehicle with
20 crawler type tracks is 40,000 pounds.

21 (12) A combination of vehicles, including a tow truck
22 and a disabled vehicle or disabled combination of vehicles,
23 that exceeds the weight restriction imposed by this Code,
24 may be operated on a public highway in this State provided
25 that neither the disabled vehicle nor any vehicle being
26 towed nor the tow truck itself shall exceed the weight

1 limitations permitted under this Chapter. During the
2 towing operation, neither the tow truck nor the vehicle
3 combination shall exceed 24,000 pounds on a single rear
4 axle and 44,000 pounds on a tandem rear axle, provided the
5 towing vehicle:

6 (i) is specifically designed as a tow truck having
7 a gross vehicle weight rating of at least 18,000 pounds
8 and is equipped with air brakes, provided that air
9 brakes are required only if the towing vehicle is
10 towing a vehicle, semitrailer, or tractor-trailer
11 combination that is equipped with air brakes;

12 (ii) is equipped with flashing, rotating, or
13 oscillating amber lights, visible for at least 500 feet
14 in all directions;

15 (iii) is capable of utilizing the lighting and
16 braking systems of the disabled vehicle or combination
17 of vehicles; and

18 (iv) does not engage in a tow exceeding 20 miles
19 from the initial point of wreck or disablement. Any
20 additional movement of the vehicles may occur only upon
21 issuance of authorization for that movement under the
22 provisions of Sections 15-301 through 15-319 of this
23 Code. The towing vehicle, however, may tow any disabled
24 vehicle to a point where repairs are actually to occur.
25 This movement shall be valid only on State routes. The
26 tower must abide by posted bridge weight limits.

1 (13) Upon and during a declaration of an emergency
2 propane supply disaster by the Governor under Section 7 of
3 the Illinois Emergency Management Agency Act:

4 (i) a truck not in combination, equipped with a
5 cargo tank, used exclusively for the transportation of
6 propane or liquefied petroleum gas may, when laden,
7 transmit upon the road surface, except when on part of
8 the National System of Interstate and Defense
9 Highways, the following maximum weights: 22,000 pounds
10 on a single axle; 40,000 pounds on a tandem axle;
11 40,000 pounds gross weight on a 2-axle vehicle; 54,000
12 pounds gross weight on a 3-axle vehicle; and

13 (ii) a truck when in combination with a trailer
14 equipped with a cargo tank used exclusively for the
15 transportation of propane or liquefied petroleum gas
16 may, when laden, transmit upon the road surface, except
17 when on part of the National System of Interstate and
18 Defense Highways, the following maximum weights:
19 22,000 pounds on a single axle; 40,000 pounds on a
20 tandem axle; 90,000 pounds gross weight on a 5-axle or
21 6-axle vehicle.

22 Vehicles operating under this paragraph (13) are not
23 subject to the bridge formula.

24 (14) A vehicle or combination of vehicles that uses
25 natural gas or propane gas as a motor fuel may exceed the
26 above weight limitations by 2,000 pounds, except on

1 interstate highways as defined by Section 1-133.1 of this
2 Code. This paragraph (14) shall not allow a vehicle to
3 exceed any posted weight limit on a highway or structure.

4 (15) From September 1 through December 31 of each year,
5 a truck, not in combination and used exclusively for the
6 transport of grain sorghum, may, except on an interstate
7 highway, have a gross maximum weight of 90,000 pounds and
8 an axle weight 12.5% above the applicable axle weight
9 limit. This paragraph does not allow a vehicle to exceed
10 any posted weight limit on a highway or structure.

11 Gross weight limits shall not apply to the combination of
12 the tow truck and vehicles being towed. The tow truck license
13 plate must cover the operating empty weight of the tow truck
14 only. The weight of each vehicle being towed shall be covered
15 by a valid license plate issued to the owner or operator of the
16 vehicle being towed and displayed on that vehicle. If no valid
17 plate issued to the owner or operator of that vehicle is
18 displayed on that vehicle, or the plate displayed on that
19 vehicle does not cover the weight of the vehicle, the weight of
20 the vehicle shall be covered by the third tow truck plate
21 issued to the owner or operator of the tow truck and
22 temporarily affixed to the vehicle being towed. If a roll-back
23 carrier is registered and being used as a tow truck, however,
24 the license plate or plates for the tow truck must cover the
25 gross vehicle weight, including any load carried on the bed of
26 the roll-back carrier.

1 The Department may by rule or regulation prescribe
2 additional requirements. However, nothing in this Code shall
3 prohibit a tow truck under instructions of a police officer
4 from legally clearing a disabled vehicle, that may be in
5 violation of weight limitations of this Chapter, from the
6 roadway to the berm or shoulder of the highway. If in the
7 opinion of the police officer that location is unsafe, the
8 officer is authorized to have the disabled vehicle towed to the
9 nearest place of safety.

10 For the purpose of this subsection, gross vehicle weight
11 rating, or GVWR, means the value specified by the manufacturer
12 as the loaded weight of the tow truck.

13 (b) As used in this Section, "recycling haul" or "recycling
14 operation" means the hauling of non-hazardous, non-special,
15 non-putrescible materials, such as paper, glass, cans, or
16 plastic, for subsequent use in the secondary materials market.

17 (c) No vehicle or combination of vehicles equipped with
18 pneumatic tires shall be operated, unladen or with load, upon
19 the highways of this State in violation of the provisions of
20 any permit issued under the provisions of Sections 15-301
21 through 15-319 of this Chapter.

22 (d) No vehicle or combination of vehicles equipped with
23 other than pneumatic tires may be operated, unladen or with
24 load, upon the highways of this State when the gross weight on
25 the road surface through any wheel exceeds 800 pounds per inch
26 width of tire tread or when the gross weight on the road

1 surface through any axle exceeds 16,000 pounds.

2 (e) No person shall operate a vehicle or combination of
3 vehicles over a bridge or other elevated structure constituting
4 part of a highway with a gross weight that is greater than the
5 maximum weight permitted by the Department, when the structure
6 is sign posted as provided in this Section.

7 (f) The Department upon request from any local authority
8 shall, or upon its own initiative may, conduct an investigation
9 of any bridge or other elevated structure constituting a part
10 of a highway, and if it finds that the structure cannot with
11 safety to itself withstand the weight of vehicles otherwise
12 permissible under this Code the Department shall determine and
13 declare the maximum weight of vehicles that the structures can
14 withstand, and shall cause or permit suitable signs stating
15 maximum weight to be erected and maintained before each end of
16 the structure. No person shall operate a vehicle or combination
17 of vehicles over any structure with a gross weight that is
18 greater than the posted maximum weight.

19 (g) Upon the trial of any person charged with a violation
20 of subsection (e) or (f) of this Section, proof of the
21 determination of the maximum allowable weight by the Department
22 and the existence of the signs, constitutes conclusive evidence
23 of the maximum weight that can be maintained with safety to the
24 bridge or structure.

25 (Source: P.A. 98-409, eff. 1-1-14; 98-410, eff. 8-16-13;
26 98-756, eff. 7-16-14; 98-942, eff. 1-1-15; 98-956, eff. 1-1-15;

1 98-1029, eff. 1-1-15; 99-78, eff. 7-20-15.)

2 Section 99. Effective date. This Act takes effect July 1,
3 2016.