



Sen. Wm. Sam McCann

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LRB098 20151 MLW 58091 a

1 AMENDMENT TO SENATE BILL 3139

2 AMENDMENT NO. _____. Amend Senate Bill 3139, AS AMENDED,
3 by replacing everything after the enacting clause with the
4 following:

5 "Section 5. The Illinois Vehicle Code is amended by
6 changing Section 15-111 as follows:

7 (625 ILCS 5/15-111) (from Ch. 95 1/2, par. 15-111)

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

9 (a) No vehicle or combination of vehicles with pneumatic
10 tires may be operated, unladen or with load, when the total
11 weight on the road surface exceeds the following: 20,000 pounds
12 on a single axle; 34,000 pounds on a tandem axle with no axle
13 within the tandem exceeding 20,000 pounds; 80,000 pounds gross
14 weight for vehicle combinations of 5 or more axles; or a total
15 weight on a group of 2 or more consecutive axles in excess of
16 that weight produced by the application of the following

1 formula: $W = 500$ times the sum of $(LN$ divided by $N-1) + 12N +$
 2 36 , where "W" equals overall total weight on any group of 2 or
 3 more consecutive axles to the nearest 500 pounds, "L" equals
 4 the distance measured to the nearest foot between extremes of
 5 any group of 2 or more consecutive axles, and "N" equals the
 6 number of axles in the group under consideration.

7 The above formula when expressed in tabular form results in
 8 allowable loads as follows:

9	Distance measured	Maximum weight in pounds				
10	to the nearest	of any group of				
11	foot between the	2 or more consecutive axles				
12	extremes of any					
13	group of 2 or					
14	more consecutive					
15	axles					
16	feet	2 axles	3 axles	4 axles	5 axles	6 axles
17	4	34,000				
18	5	34,000				
19	6	34,000				
20	7	34,000				
21	8	38,000*	42,000			
22	9	39,000	42,500			
23	10	40,000	43,500			
24	11		44,000			
25	12		45,000	50,000		

1	13	45,500	50,500		
2	14	46,500	51,500		
3	15	47,000	52,000		
4	16	48,000	52,500	58,000	
5	17	48,500	53,500	58,500	
6	18	49,500	54,000	59,000	
7	19	50,000	54,500	60,000	
8	20	51,000	55,500	60,500	66,000
9	21	51,500	56,000	61,000	66,500
10	22	52,500	56,500	61,500	67,000
11	23	53,000	57,500	62,500	68,000
12	24	54,000	58,000	63,000	68,500
13	25	54,500	58,500	63,500	69,000
14	26	55,500	59,500	64,000	69,500
15	27	56,000	60,000	65,000	70,000
16	28	57,000	60,500	65,500	71,000
17	29	57,500	61,500	66,000	71,500
18	30	58,500	62,000	66,500	72,000
19	31	59,000	62,500	67,500	72,500
20	32	60,000	63,500	68,000	73,000
21	33		64,000	68,500	74,000
22	34		64,500	69,000	74,500
23	35		65,500	70,000	75,000
24	36		66,000	70,500	75,500
25	37		66,500	71,000	76,000
26	38		67,500	72,000	77,000

1	39	68,000	72,500	77,500
2	40	68,500	73,000	78,000
3	41	69,500	73,500	78,500
4	42	70,000	74,000	79,000
5	43	70,500	75,000	80,000
6	44	71,500	75,500	
7	45	72,000	76,000	
8	46	72,500	76,500	
9	47	73,500	77,500	
10	48	74,000	78,000	
11	49	74,500	78,500	
12	50	75,500	79,000	
13	51	76,000	80,000	
14	52	76,500		
15	53	77,500		
16	54	78,000		
17	55	78,500		
18	56	79,500		
19	57	80,000		

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

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

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

4 Local authorities, with respect to streets and highways
5 under their jurisdiction, without additional fees, may also by
6 ordinance or resolution allow the weight limitations of this
7 subsection, provided the maximum gross weight on any one axle
8 shall not exceed 20,000 pounds and the maximum total weight on
9 any tandem axle shall not exceed 34,000 pounds, on designated
10 highways when appropriate regulatory signs giving notice are
11 erected upon the street or highway or portion of any street or
12 highway affected by the ordinance or resolution.

13 The following are exceptions to the above formula:

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

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

20 (3) Cities having a population of more than 50,000 may
21 permit by ordinance axle loads on 2 axle motor vehicles 33
22 1/2% above those provided for herein, but the increase
23 shall not become effective until the city has officially
24 notified the Department of the passage of the ordinance and
25 shall not apply to those vehicles when outside of the
26 limits of the city, nor shall the gross weight of any 2

1 axle motor vehicle operating over any street of the city
2 exceed 40,000 pounds.

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

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

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

18 (7) A truck not in combination, equipped with a self
19 compactor or an industrial roll-off hoist and roll-off
20 container, used exclusively for garbage, refuse, or
21 recycling operations, may, when laden, transmit upon the
22 road surface, except when on part of the National System of
23 Interstate and Defense Highways, the following maximum
24 weights: 22,000 pounds on a single axle; 40,000 pounds on a
25 tandem axle; 40,000 pounds gross weight on a 2-axle
26 vehicle; 54,000 pounds gross weight on a 3-axle vehicle.

1 This vehicle is not subject to the bridge formula.

2 (7.5) A 3-axle rear discharge truck mixer registered as
3 a Special Hauling Vehicle, used exclusively for the mixing
4 and transportation of concrete in the plastic state, may,
5 when laden, transmit upon the road surface, except when on
6 part of the National System of Interstate and Defense
7 Highways, the following maximum weights: 22,000 pounds on
8 single axle; 40,000 pounds on a tandem axle; 54,000 pounds
9 gross weight on a 3-axle vehicle. This vehicle is not
10 subject to the bridge formula.

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

24 A 3-axle combination sewer cleaning jetting vacuum
25 truck registered as a Special Hauling Vehicle, used
26 exclusively for the transportation of non-hazardous solid

1 waste, manufactured before or in the model year of 2014,
2 first registered in Illinois before January 1, 2015, may,
3 when laden, transmit upon the road surface, except when on
4 part of the National System of Interstate and Defense
5 Highways, the following maximum weights: 22,000 pounds on a
6 single axle; 40,000 pounds on a tandem axle; 54,000 pounds
7 gross weight on a 3-axle vehicle. This vehicle is not
8 subject to the bridge formula.

9 (9) A 4-axle truck mixer registered as a Special
10 Hauling Vehicle, used exclusively for the mixing and
11 transportation of concrete in the plastic state, ~~2024-2025~~
12 and not operated on a highway that is part of the National
13 System of Interstate Highways, is allowed the following
14 maximum weights: 20,000 pounds on any single axle; 36,000
15 pounds on a series of axles greater than 72 inches but not
16 more than 96 inches; and 34,000 pounds on any series of 2
17 axles greater than 40 inches but not more than 72 inches.
18 The gross weight of this vehicle may not exceed the weights
19 allowed by the bridge formula for 4 axles. The bridge
20 formula does not apply to any series of 3 axles while the
21 vehicle is transporting concrete in the plastic state, but
22 no axle or tandem axle of the series may exceed the maximum
23 weight permitted under this paragraph (9) of subsection
24 (a).

25 (10) Combinations of vehicles, registered as Special
26 Hauling Vehicles that include a semitrailer manufactured

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

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

17 (12) A combination of vehicles, including a tow truck
18 and a disabled vehicle or disabled combination of vehicles,
19 that exceeds the weight restriction imposed by this Code,
20 may be operated on a public highway in this State provided
21 that neither the disabled vehicle nor any vehicle being
22 towed nor the tow truck itself shall exceed the weight
23 limitations permitted under this Chapter. During the
24 towing operation, neither the tow truck nor the vehicle
25 combination shall exceed 24,000 pounds on a single rear
26 axle and 44,000 pounds on a tandem rear axle, provided the

1 towing vehicle:

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

8 (ii) is equipped with flashing, rotating, or
9 oscillating amber lights, visible for at least 500 feet
10 in all directions;

11 (iii) is capable of utilizing the lighting and
12 braking systems of the disabled vehicle or combination
13 of vehicles; and

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

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

26 (i) a truck not in combination, equipped with a

1 cargo tank, used exclusively for the transportation of
2 propane or liquefied petroleum gas may, when laden,
3 transmit upon the road surface, except when on part of
4 the National System of Interstate and Defense
5 Highways, the following maximum weights: 22,000 pounds
6 on a single axle; 40,000 pounds on a tandem axle;
7 40,000 pounds gross weight on a 2-axle vehicle; 54,000
8 pounds gross weight on a 3-axle vehicle; and

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

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

20 Gross weight limits shall not apply to the combination of
21 the tow truck and vehicles being towed. The tow truck license
22 plate must cover the operating empty weight of the tow truck
23 only. The weight of each vehicle being towed shall be covered
24 by a valid license plate issued to the owner or operator of the
25 vehicle being towed and displayed on that vehicle. If no valid
26 plate issued to the owner or operator of that vehicle is

1 displayed on that vehicle, or the plate displayed on that
2 vehicle does not cover the weight of the vehicle, the weight of
3 the vehicle shall be covered by the third tow truck plate
4 issued to the owner or operator of the tow truck and
5 temporarily affixed to the vehicle being towed. If a roll-back
6 carrier is registered and being used as a tow truck, however,
7 the license plate or plates for the tow truck must cover the
8 gross vehicle weight, including any load carried on the bed of
9 the roll-back carrier.

10 The Department may by rule or regulation prescribe
11 additional requirements. However, nothing in this Code shall
12 prohibit a tow truck under instructions of a police officer
13 from legally clearing a disabled vehicle, that may be in
14 violation of weight limitations of this Chapter, from the
15 roadway to the berm or shoulder of the highway. If in the
16 opinion of the police officer that location is unsafe, the
17 officer is authorized to have the disabled vehicle towed to the
18 nearest place of safety.

19 For the purpose of this subsection, gross vehicle weight
20 rating, or GVWR, means the value specified by the manufacturer
21 as the loaded weight of the tow truck.

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

26 (c) No vehicle or combination of vehicles equipped with

1 pneumatic tires shall be operated, unladen or with load, upon
2 the highways of this State in violation of the provisions of
3 any permit issued under the provisions of Sections 15-301
4 through 15-319 of this Chapter.

5 (d) No vehicle or combination of vehicles equipped with
6 other than pneumatic tires may be operated, unladen or with
7 load, upon the highways of this State when the gross weight on
8 the road surface through any wheel exceeds 800 pounds per inch
9 width of tire tread or when the gross weight on the road
10 surface through any axle exceeds 16,000 pounds.

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

16 (f) The Department upon request from any local authority
17 shall, or upon its own initiative may, conduct an investigation
18 of any bridge or other elevated structure constituting a part
19 of a highway, and if it finds that the structure cannot with
20 safety to itself withstand the weight of vehicles otherwise
21 permissible under this Code the Department shall determine and
22 declare the maximum weight of vehicles that the structures can
23 withstand, and shall cause or permit suitable signs stating
24 maximum weight to be erected and maintained before each end of
25 the structure. No person shall operate a vehicle or combination
26 of vehicles over any structure with a gross weight that is

1 greater than the posted maximum weight.

2 (g) Upon the trial of any person charged with a violation
3 of subsection (e) or (f) of this Section, proof of the
4 determination of the maximum allowable weight by the Department
5 and the existence of the signs, constitutes conclusive evidence
6 of the maximum weight that can be maintained with safety to the
7 bridge or structure.

8 (Source: P.A. 97-201, eff. 1-1-12; 98-409, eff. 1-1-14; 98-410,
9 eff. 8-16-13; revised 9-19-13.)".