



Sen. John O. Jones

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09700SB3505sam001

LRB097 18226 HEP 66825 a

1 AMENDMENT TO SENATE BILL 3505

2 AMENDMENT NO. _____. Amend Senate Bill 3505 by replacing
3 everything after the enacting clause with the following:

4 "Section 5. The Illinois Vehicle Code is amended by
5 changing 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: $W = 500 \text{ times the sum of } (LN \text{ divided by } N-1) + 12N +$

1 36, where "W" equals overall total weight on any group of 2 or
 2 more consecutive axles to the nearest 500 pounds, "L" equals
 3 the distance measured to the nearest foot between extremes of
 4 any group of 2 or more consecutive axles, and "N" equals the
 5 number of axles in the group under consideration.

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

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

1	14	46,500	51,500		
2	15	47,000	52,000		
3	16	48,000	52,500	58,000	
4	17	48,500	53,500	58,500	
5	18	49,500	54,000	59,000	
6	19	50,000	54,500	60,000	
7	20	51,000	55,500	60,500	66,000
8	21	51,500	56,000	61,000	66,500
9	22	52,500	56,500	61,500	67,000
10	23	53,000	57,500	62,500	68,000
11	24	54,000	58,000	63,000	68,500
12	25	54,500	58,500	63,500	69,000
13	26	55,500	59,500	64,000	69,500
14	27	56,000	60,000	65,000	70,000
15	28	57,000	60,500	65,500	71,000
16	29	57,500	61,500	66,000	71,500
17	30	58,500	62,000	66,500	72,000
18	31	59,000	62,500	67,500	72,500
19	32	60,000	63,500	68,000	73,000
20	33		64,000	68,500	74,000
21	34		64,500	69,000	74,500
22	35		65,500	70,000	75,000
23	36		66,000	70,500	75,500
24	37		66,500	71,000	76,000
25	38		67,500	72,000	77,000
26	39		68,000	72,500	77,500

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

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

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

26 Vehicles in a combination having more than 6 axles may not

1 exceed the weight in the table in this subsection (a) for 6
2 axles measured between the extreme axles of the combination.

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

12 The following are exceptions to the above formula:

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

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

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

1 exceed 40,000 pounds.

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

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

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

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

1 (7.5) A 3-axle rear discharge truck mixer registered as
2 a Special Hauling Vehicle, used exclusively for the mixing
3 and transportation of concrete in the plastic state, may,
4 when laden, transmit upon the road surface, except when on
5 part of the National System of Interstate and Defense
6 Highways, the following maximum weights: 22,000 pounds on a
7 single axle; 40,000 pounds on a tandem axle; 54,000 pounds
8 gross weight on a 3-axle vehicle. This vehicle is not
9 subject to the bridge formula.

10 (8) Except as provided in paragraph (7.5) of this
11 subsection (a), tandem ~~Tandem~~ axles on a 3-axle truck
12 registered as a Special Hauling Vehicle, manufactured
13 prior to or in the model year of 2014 and first registered
14 in Illinois prior to January 1, 2015, with a distance
15 greater than 72 inches but not more than 96 inches between
16 any series of 2 axles, is allowed a combined weight on the
17 series not to exceed 36,000 pounds and neither axle of the
18 series may exceed 20,000 pounds. Any vehicle of this type
19 manufactured after the model year of 2014 or first
20 registered in Illinois after December 31, 2014 may not
21 exceed a combined weight of 34,000 pounds through the
22 series of 2 axles and neither axle of the series may exceed
23 20,000 pounds.

24 (9) A 4-axle truck mixer registered as a Special
25 Hauling Vehicle, used exclusively for the mixing and
26 transportation of concrete in the plastic state,

1 ~~manufactured before or in the model year of 2014, first~~
2 ~~registered in Illinois before January 1, 2015,~~ and not
3 operated on a highway that is part of the National System
4 of Interstate Highways, is allowed the following maximum
5 weights: 20,000 pounds on any single axle; 36,000 pounds on
6 a series of axles greater than 72 inches but not more than
7 96 inches; and 34,000 pounds on any series of 2 axles
8 greater than 40 inches but not more than 72 inches. The
9 gross weight of this vehicle may not exceed the weights
10 allowed by the bridge formula for 4 axles. The bridge
11 formula does not apply to any series of 3 axles while the
12 vehicle is transporting concrete in the plastic state, but
13 no axle or tandem axle of the series may exceed the maximum
14 weight permitted under this paragraph (9) of subsection
15 (a).

16 (10) Combinations of vehicles, registered as Special
17 Hauling Vehicles that include a semitrailer manufactured
18 prior to or in the model year of 2014, and registered in
19 Illinois prior to January 1, 2015, having 5 axles with a
20 distance of 42 feet or less between extreme axles, may not
21 exceed the following maximum weights: 20,000 pounds on a
22 single axle; 34,000 pounds on a tandem axle; and 72,000
23 pounds gross weight. This combination of vehicles is not
24 subject to the bridge formula. For all those combinations
25 of vehicles that include a semitrailer manufactured after
26 the effective date of P.A. 92-0417, the overall distance

1 between the first and last axles of the 2 sets of tandems
2 must be 18 feet 6 inches or more. Any combination of
3 vehicles that has had its cargo container replaced in its
4 entirety after December 31, 2014 may not exceed the weights
5 allowed by the bridge formula.

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

8 (12) A combination of vehicles, including a tow truck
9 and a disabled vehicle or disabled combination of vehicles,
10 that exceeds the weight restriction imposed by this Code,
11 may be operated on a public highway in this State provided
12 that neither the disabled vehicle nor any vehicle being
13 towed nor the tow truck itself shall exceed the weight
14 limitations permitted under this Chapter. During the
15 towing operation, neither the tow truck nor the vehicle
16 combination shall exceed 24,000 pounds on a single rear
17 axle and 44,000 pounds on a tandem rear axle, provided the
18 towing vehicle:

19 (i) is specifically designed as a tow truck having
20 a gross vehicle weight rating of at least 18,000 pounds
21 and is equipped with air brakes, provided that air
22 brakes are required only if the towing vehicle is
23 towing a vehicle, semitrailer, or tractor-trailer
24 combination that is equipped with air brakes;

25 (ii) is equipped with flashing, rotating, or
26 oscillating amber lights, visible for at least 500 feet

1 in all directions;

2 (iii) is capable of utilizing the lighting and
3 braking systems of the disabled vehicle or combination
4 of vehicles; and

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

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

1 the license plate or plates for the tow truck must cover the
2 gross vehicle weight, including any load carried on the bed of
3 the roll-back carrier.

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

13 For the purpose of this subsection, gross vehicle weight
14 rating, or GVWR, means the value specified by the manufacturer
15 as the loaded weight of the tow truck.

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

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

25 (d) No vehicle or combination of vehicles equipped with
26 other than pneumatic tires may be operated, unladen or with

1 load, upon the highways of this State when the gross weight on
2 the road surface through any wheel exceeds 800 pounds per inch
3 width of tire tread or when the gross weight on the road
4 surface through any axle exceeds 16,000 pounds.

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

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

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

1 bridge or structure.

2 (Source: P.A. 96-34, eff. 1-1-10; 96-37, eff. 7-13-09; 97-201,

3 eff. 1-1-12.)".