



Rep. Jack D. Franks

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09600SB1450ham002

LRB096 07413 AJT 26441 a

1 AMENDMENT TO SENATE BILL 1450

2 AMENDMENT NO. _____. Amend Senate Bill 1450 on page 1, by
3 replacing line 5 with "Sections 15-102 and 15-111 as follows:";
4 and

5 on page 10, by inserting below line 26 the following:

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) On non-designated highways, no vehicle or combination
9 of vehicles equipped with pneumatic tires may be operated,
10 unladen or with load, when the total weight transmitted to the
11 road surface exceeds 18,000 pounds on a single axle or 32,000
12 pounds on a tandem axle with no axle within the tandem
13 exceeding 18,000 pounds except:

14 (1) when a different limit is established and posted in
15 accordance with Section 15-316 of this Code;

16 (2) vehicles for which the Department of

1 Transportation and local authorities issue overweight
2 permits under authority of Section 15-301 of this Code;

3 (3) tow trucks subject to the conditions provided in
4 subsection (d) may not exceed 24,000 pounds on a single
5 rear axle or 44,000 pounds on a tandem rear axle;

6 (4) any single axle of a 2-axle truck weighing 36,000
7 pounds or less and not a part of a combination of vehicles,
8 shall not exceed 20,000 pounds;

9 (5) any single axle of a 2-axle truck equipped with a
10 personnel lift or digger derrick, weighing 36,000 pounds or
11 less, owned and operated by a public utility, shall not
12 exceed 20,000 pounds;

13 (6) any single axle of a 2-axle truck specially
14 equipped with a front loading compactor used exclusively
15 for garbage, refuse, or recycling may not exceed 20,000
16 pounds per axle, provided that the gross weight of the
17 vehicle does not exceed 40,000 pounds;

18 (7) a truck, not in combination and specially equipped
19 with a selfcompactor or an industrial roll-off hoist and
20 roll-off container, used exclusively for garbage or refuse
21 operations may, when laden, transmit upon the road surface
22 the following maximum weights: 22,000 pounds on a single
23 axle; 40,000 pounds on a tandem axle;

24 (8) a truck, not in combination and used exclusively
25 for the collection of rendering materials, may, when laden,
26 transmit upon the road surface the following maximum

1 weights: 22,000 pounds on a single axle; 40,000 pounds on a
2 tandem axle;

3 (9) tandem axles on a 3-axle truck registered as a
4 Special Hauling Vehicle, manufactured prior to or in the
5 model year of 2014 and first registered in Illinois prior
6 to January 1, 2015, with a distance greater than 72 inches
7 but not more than 96 inches between any series of 2 axles,
8 is allowed a combined weight on the series not to exceed
9 36,000 pounds and neither axle of the series may exceed
10 18,000 pounds. Any vehicle of this type manufactured after
11 the model year of 2014 or first registered in Illinois
12 after December 31, 2014 may not exceed a combined weight of
13 32,000 pounds through the series of 2 axles and neither
14 axle of the series may exceed 18,000 pounds;

15 (10) a 4-axle truck mixer registered as a Special
16 Hauling Vehicle, used exclusively for the mixing and
17 transportation of concrete in the plastic state and
18 manufactured prior to or in the model year of 2014 and
19 first registered in Illinois prior to January 1, 2015, is
20 allowed the following maximum weights: 20,000 pounds on any
21 single axle; 36,000 pounds on any series of 2 axles greater
22 than 72 inches but not more than 96 inches; and 34,000
23 pounds on any series of 2 axles greater than 40 inches but
24 not more than 72 inches;

25 (11) 4-axle vehicles or a 5 or more axle combination of
26 vehicles: The weight transmitted upon the road surface

1 through any series of 3 axles whose centers are more than
2 96 inches apart, measured between extreme axles in the
3 series, may not exceed those allowed in the table contained
4 in subsection (f) of this Section. No axle or tandem axle
5 of the series may exceed the maximum weight permitted under
6 this Section for a single or tandem axle; -

7 (12) a single-frame, 5-axle truck with any combination
8 of 4 consecutive axles not exceeding 60,000 pounds and a
9 gross total vehicle weight not exceeding 72,000 pounds,
10 entering from a bordering state onto any designated or
11 non-designated highway for a distance of 5 highway miles or
12 less for the purpose of the loading of construction
13 aggregates. The truck in this paragraph is not subject to
14 the gross weight table set forth in subsection (b) of this
15 Section or the bridge formula set forth in subsection (f)
16 of this Section. This paragraph (12) shall be inoperative
17 and of no force and effect after September 1, 2011.

18 No vehicle or combination of vehicles equipped with other
19 than pneumatic tires may be operated, unladen or with load,
20 upon the highways of this State when the gross weight on the
21 road surface through any wheel exceeds 800 pounds per inch
22 width of tire tread or when the gross weight on the road
23 surface through any axle exceeds 16,000 pounds.

24 (b) On non-designated highways, the gross weight of
25 vehicles and combination of vehicles including the weight of
26 the vehicle or combination and its maximum load shall be

1 subject to the foregoing limitations and further shall not
 2 exceed the following gross weights dependent upon the number of
 3 axles and distance between extreme axles of the vehicle or
 4 combination measured longitudinally to the nearest foot.

5 VEHICLES HAVING 2 AXLES 36,000 pounds

6 VEHICLES OR COMBINATIONS

7 HAVING 3 AXLES

8	With Tandem		With or	
9	Axles		Without	
10			Tandem Axles	
11	Minimum		Minimum	
12	distance to	Maximum	distance to	Maximum
13	nearest foot	Gross	nearest foot	Gross
14	between	Weight	between	Weight
15	extreme axles	(pounds)	extreme axles	(pounds)
16	10 feet	41,000	16 feet	46,000
17	11	42,000	17	47,000
18	12	43,000	18	47,500
19	13	44,000	19	48,000
20	14	44,500	20	49,000
21	15	45,000	21 feet or more	50,000

22 VEHICLES OR COMBINATIONS HAVING 4 AXLES

23 Minimum Minimum

	distance to	Maximum	distance to	Maximum
	nearest foot	Gross	nearest foot	Gross
	between	Weight	between	Weight
	extreme axles	(pounds)	extreme axles	(pounds)
1	15 feet	50,000	26 feet	57,500
2	16	50,500	27	58,000
3	17	51,500	28	58,500
4	18	52,000	29	59,500
5	19	52,500	30	60,000
6	20	53,500	31	60,500
7	21	54,000	32	61,500
8	22	54,500	33	62,000
9	23	55,500	34	62,500
10	24	56,000	35	63,500
11	25	56,500	36 feet or more	64,000

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

19 COMBINATIONS HAVING 5 OR MORE AXLES	
20 Minimum distance to	Maximum
21 nearest foot between	Gross Weight
22 extreme axles	(pounds)
23 42 feet or less	72,000
24 43	73,000
25 44 feet or more	73,280

1 VEHICLES OPERATING ON CRAWLER TYPE TRACKS 40,000 pounds

2 TRUCKS EQUIPPED WITH SELFCOMPACTORS
3 OR ROLL-OFF HOISTS AND ROLL-OFF CONTAINERS FOR GARBAGE,
4 REFUSE, OR RECYCLING HAULS ONLY AND TRUCKS USED FOR
5 THE COLLECTION OF RENDERING MATERIALS
6 On Highway Not Part of National System
7 of Interstate and Defense Highways

8 with 2 axles 36,000 pounds
9 with 3 axles 54,000 pounds

10 TWO AXLE TRUCKS EQUIPPED WITH
11 A FRONT LOADING COMPACTOR USED EXCLUSIVELY
12 FOR THE COLLECTION OF GARBAGE, REFUSE, OR RECYCLING
13 with 2 axles 40,000 pounds

14 A 4-axle truck mixer registered as a Special Hauling
15 Vehicle, used exclusively for mixing and transportation of
16 concrete in the plastic state, manufactured before or in the
17 model year of 2014, and first registered in Illinois before
18 January 1, 2015, is allowed a maximum gross weight listed in
19 the table of subsection (f) of this Section for 4 axles. This
20 vehicle, while loaded with concrete in the plastic state, is
21 not subject to the series of 3 axles requirement provided for
22 in subdivision (a)(11) of this Section, but no axle or tandem

1 axle of the series may exceed the maximum weight permitted
2 under subdivision (a) (10) of this Section.

3 (b-1) As used in this Section, a "recycling haul" or
4 "recycling operation" means the hauling of segregated,
5 non-hazardous, non-special, homogeneous non-putrescible
6 materials, such as paper, glass, cans, or plastic, for
7 subsequent use in the secondary materials market.

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

16 (d) Weight limitations shall not apply to vehicles
17 (including loads) operated by a public utility when
18 transporting equipment required for emergency repair of public
19 utility facilities or properties or water wells.

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

1 neither the tow truck nor the vehicle combination shall exceed
2 24,000 pounds on a single rear axle and 44,000 pounds on a
3 tandem rear axle, provided the towing vehicle:

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

10 (2) is equipped with flashing, rotating, or
11 oscillating amber lights, visible for at least 500 feet in
12 all directions;

13 (3) is capable of utilizing the lighting and braking
14 systems of the disabled vehicle or combination of vehicles;
15 and

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

26 Gross weight limits shall not apply to the combination of

1 the tow truck and vehicles being towed. The tow truck license
2 plate must cover the operating empty weight of the tow truck
3 only. The weight of each vehicle being towed shall be covered
4 by a valid license plate issued to the owner or operator of the
5 vehicle being towed and displayed on that vehicle. If no valid
6 plate issued to the owner or operator of that vehicle is
7 displayed on that vehicle, or the plate displayed on that
8 vehicle does not cover the weight of the vehicle, the weight of
9 the vehicle shall be covered by the third tow truck plate
10 issued to the owner or operator of the tow truck and
11 temporarily affixed to the vehicle being towed. If a roll-back
12 carrier is registered and being used as a tow truck, however,
13 the license plate or plates for the tow truck must cover the
14 gross vehicle weight, including any load carried on the bed of
15 the roll-back carrier.

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

25 For the purpose of this subsection, gross vehicle weight
26 rating, or GVWR, shall mean the value specified by the

1 manufacturer as the loaded weight of the tow truck.

2 (e) No vehicle or combination of vehicles equipped with
3 pneumatic tires shall be operated, unladen or with load, upon
4 the highways of this State in violation of the provisions of
5 any permit issued under the provisions of Sections 15-301
6 through 15-319 of this Chapter.

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

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

25 Distance measured

1	to the nearest					
2	foot between the					
3	extremes of any	Maximum weight in pounds				
4	group of 2 or	of any group of				
5	more consecutive	2 or more consecutive axles				
6	axles					
7	feet	2 axles	3 axles	4 axles	5 axles	6 axles
8	4	34,000				
9	5	34,000				
10	6	34,000				
11	7	34,000				
12	8	38,000*	42,000			
13	9	39,000	42,500			
14	10	40,000	43,500			
15	11		44,000			
16	12		45,000	50,000		
17	13		45,500	50,500		
18	14		46,500	51,500		
19	15		47,000	52,000		
20	16		48,000	52,500	58,000	
21	17		48,500	53,500	58,500	
22	18		49,500	54,000	59,000	
23	19		50,000	54,500	60,000	
24	20		51,000	55,500	60,500	66,000
25	21		51,500	56,000	61,000	66,500
26	22		52,500	56,500	61,500	67,000

1	23	53,000	57,500	62,500	68,000
2	24	54,000	58,000	63,000	68,500
3	25	54,500	58,500	63,500	69,000
4	26	55,500	59,500	64,000	69,500
5	27	56,000	60,000	65,000	70,000
6	28	57,000	60,500	65,500	71,000
7	29	57,500	61,500	66,000	71,500
8	30	58,500	62,000	66,500	72,000
9	31	59,000	62,500	67,500	72,500
10	32	60,000	63,500	68,000	73,000
11	33		64,000	68,500	74,000
12	34		64,500	69,000	74,500
13	35		65,500	70,000	75,000
14	36		66,000	70,500	75,500
15	37		66,500	71,000	76,000
16	38		67,500	72,000	77,000
17	39		68,000	72,500	77,500
18	40		68,500	73,000	78,000
19	41		69,500	73,500	78,500
20	42		70,000	74,000	79,000
21	43		70,500	75,000	80,000
22	44		71,500	75,500	
23	45		72,000	76,000	
24	46		72,500	76,500	
25	47		73,500	77,500	
26	48		74,000	78,000	

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

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

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

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

20 Local authorities, with respect to streets and highways
21 under their jurisdiction, without additional fees, may also by
22 ordinance or resolution allow the weight limitations of this
23 subsection, provided the maximum gross weight on any one axle
24 shall not exceed 20,000 pounds and the maximum total weight on
25 any tandem axle shall not exceed 34,000 pounds, on designated
26 highways when appropriate regulatory signs giving notice are

1 erected upon the street or highway or portion of any street or
2 highway affected by the ordinance or resolution.

3 The following are exceptions to the above formula:

4 (1) Two consecutive sets of tandem axles may carry a
5 total weight of 34,000 pounds each if the overall distance
6 between the first and last axles of the consecutive sets of
7 tandem axles is 36 feet or more.

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

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

14 (4) Tow trucks subject to the conditions provided in
15 subsection (d) may not exceed 24,000 pounds on a single
16 rear axle or 44,000 pounds on a tandem rear axle.

17 (5) A tandem axle on a 3-axle truck registered as a
18 Special Hauling Vehicle, manufactured prior to or in the
19 model year of 2014, and registered in Illinois prior to
20 January 1, 2015, with a distance between 2 axles in a
21 series greater than 72 inches but not more than 96 inches
22 may not exceed a total weight of 36,000 pounds and neither
23 axle of the series may exceed 18,000 pounds.

24 (6) A truck not in combination, equipped with a self
25 compactor or an industrial roll-off hoist and roll-off
26 container, used exclusively for garbage, refuse, or

1 recycling operations, may, when laden, transmit upon the
2 road surface, except when on part of the National System of
3 Interstate and Defense Highways, the following maximum
4 weights: 22,000 pounds on a single axle; 40,000 pounds on a
5 tandem axle; 36,000 pounds gross weight on a 2-axle
6 vehicle; 54,000 pounds gross weight on a 3-axle vehicle.
7 This vehicle is not subject to the bridge formula.

8 (7) Combinations of vehicles, registered as Special
9 Hauling Vehicles that include a semitrailer manufactured
10 prior to or in the model year of 2014, and registered in
11 Illinois prior to January 1, 2015, having 5 axles with a
12 distance of 42 feet or less between extreme axles, may not
13 exceed the following maximum weights: 18,000 pounds on a
14 single axle; 32,000 pounds on a tandem axle; and 72,000
15 pounds gross weight. This combination of vehicles is not
16 subject to the bridge formula. For all those combinations
17 of vehicles that include a semitrailer manufactured after
18 the effective date of this amendatory Act of the 92nd
19 General Assembly, the overall distance between the first
20 and last axles of the 2 sets of tandems must be 18 feet 6
21 inches or more. Any combination of vehicles that has had
22 its cargo container replaced in its entirety after December
23 31, 2014 may not exceed the weights allowed by the bridge
24 formula.

25 (8) A 4-axle truck mixer registered as a Special
26 Hauling Vehicle, used exclusively for the mixing and

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

16 (9) A single-frame, 5-axle truck with any combination
17 of 4 consecutive axles not exceeding 60,000 pounds and a
18 gross total vehicle weight not exceeding 72,000 pounds,
19 entering from a bordering state onto any designated or
20 non-designated highway for a distance of 5 highway miles or
21 less for the purpose of the loading of construction
22 aggregates. This truck is not subject to the bridge formula
23 in this subsection or gross weight chart in subsection (b)
24 of this Section. This paragraph (9) shall be inoperative
25 and of no force and effect after September 1, 2011.

26 No vehicle or combination of vehicles equipped with other

1 than pneumatic tires may be operated, unladen or with load,
2 upon the highways of this State when the gross weight on the
3 road surface through any wheel exceeds 800 pounds per inch
4 width of tire tread or when the gross weight on the road
5 surface through any axle exceeds 16,000 pounds.

6 (f-1) A vehicle and load not exceeding 73,280 pounds is
7 allowed access as follows:

8 (1) From any State designated highway onto any county,
9 township, or municipal highway for a distance of 5 highway
10 miles for the purpose of loading and unloading, provided:

11 (A) The vehicle and load does not exceed 8 feet 6
12 inches in width and 65 feet overall length.

13 (B) There is no sign prohibiting that access.

14 (C) The route is not being used as a thoroughfare
15 between State designated highways.

16 (2) From any State designated highway onto any county
17 or township highway for a distance of 5 highway miles, or
18 any municipal highway for a distance of one highway mile
19 for the purpose of food, fuel, repairs, and rest, provided:

20 (A) The vehicle and load does not exceed 8 feet 6
21 inches in width and 65 feet overall length.

22 (B) There is no sign prohibiting that access.

23 (C) The route is not being used as a thoroughfare
24 between State designated highways.

25 (f-2) A vehicle and load greater than 73,280 pounds in
26 weight but not exceeding 80,000 pounds is allowed access as

1 follows:

2 (1) From a Class I highway onto any street or highway
3 for a distance of one highway mile for the purpose of
4 loading, unloading, food, fuel, repairs, and rest,
5 provided there is no sign prohibiting that access.

6 (2) From a Class I, II, or III highway onto any State
7 highway or any local designated highway for a distance of 5
8 highway miles for the purpose of loading, unloading, food,
9 fuel, repairs, and rest.

10 Section 5-35 of the Illinois Administrative Procedure Act
11 relating to procedures for rulemaking shall not apply to the
12 designation of highways under this subsection.

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

18 (h) The Department upon request from any local authority
19 shall, or upon its own initiative may, conduct an investigation
20 of any bridge or other elevated structure constituting a part
21 of a highway, and if it finds that the structure cannot with
22 safety to itself withstand the weight of vehicles otherwise
23 permissible under this Code the Department shall determine and
24 declare the maximum weight of vehicles that the structures can
25 withstand, and shall cause or permit suitable signs stating
26 maximum weight to be erected and maintained before each end of

1 the structure. No person shall operate a vehicle or combination
2 of vehicles over any structure with a gross weight that is
3 greater than the posted maximum weight.

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

10 (Source: P.A. 94-464, eff. 1-1-06; 94-926, eff. 1-1-07; 95-51,
11 eff. 1-1-08.)

12 Section 99. Effective date. This Act takes effect upon
13 becoming law."