



96TH GENERAL ASSEMBLY

State of Illinois

2009 and 2010

SB3066

Introduced 2/8/2010, by Sen. John J. Cullerton

SYNOPSIS AS INTRODUCED:

625 ILCS 5/15-111

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

Amends a provision of the Illinois Vehicle Code providing that no vehicle or combination of vehicles equipped with pneumatic tires may be operated on non-designated highways when the total weight transmitted to the road surface exceeds 20,000 pounds on a single axle or 34,000 pounds on a tandem axle with no axle within the tandem exceeding 20,000 pounds unless an exemption applies. Adds a truck, not in combination and used exclusively for the collection of non-hazardous waste, with a maximum weight of 22,000 pounds on a single axle and 44,000 pounds on a tandem axle to the list of vehicles that are exempted from the above provision. Provides that a 3-axle truck registered as a Special Hauling Vehicle, used exclusively for the transportation of non-hazardous solid waste, manufactured before or in the model year of 2014, first registered in Illinois before January 1, 2015, and not operated on a highway that is part of the National System of Interstate Highways, is allowed a maximum weight of 22,000 pounds on any single axle and 44,000 pounds on a series of axles greater than 72 inches but not more than 96 inches and is exempted from the federal bridge formula codified by a provision of the Illinois Vehicle Code. Effective immediately.

LRB096 19998 AJT 35483 b

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) 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 20,000 pounds on a single axle or 34,000
12 pounds on a tandem axle with no axle within the tandem
13 exceeding 20,000 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
17 Transportation and local authorities issue overweight
18 permits under authority of Section 15-301 of this Code;

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

22 (4) any single axle of a 2-axle truck weighing 36,000
23 pounds or less and not a part of a combination of vehicles,

1 shall not exceed 20,000 pounds;

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

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

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

17 (8) a truck, not in combination and used exclusively
18 for the collection of rendering materials, may, when laden,
19 transmit upon the road surface the following maximum
20 weights: 22,000 pounds on a single axle; 40,000 pounds on a
21 tandem axle;

22 (9) tandem axles on a 3-axle truck registered as a
23 Special Hauling Vehicle, manufactured prior to or in the
24 model year of 2014 and first registered in Illinois prior
25 to January 1, 2015, with a distance greater than 72 inches
26 but not more than 96 inches between any series of 2 axles,

1 is allowed a combined weight on the series not to exceed
2 36,000 pounds and neither axle of the series may exceed
3 20,000 pounds. Any vehicle of this type manufactured after
4 the model year of 2014 or first registered in Illinois
5 after December 31, 2014 may not exceed a combined weight of
6 34,000 pounds through the series of 2 axles and neither
7 axle of the series may exceed 20,000 pounds;

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

18 (11) 4-axle vehicles or a 5 or more axle combination of
19 vehicles: The weight transmitted upon the road surface
20 through any series of 3 axles whose centers are more than
21 96 inches apart, measured between extreme axles in the
22 series, may not exceed those allowed in the table contained
23 in subsection (f) of this Section. No axle or tandem axle
24 of the series may exceed the maximum weight permitted under
25 this Section for a single or tandem axle; -

26 (12) a truck, not in combination and used exclusively

1 Department of the passage of the ordinance and shall not apply
2 to those vehicles when outside of the limits of the city, nor
3 shall the gross weight of any 2 axle motor vehicle operating
4 over any street of the city exceed 40,000 pounds.

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

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

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

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

1 all directions;

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

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

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

1 carrier is registered and being used as a tow truck, however,
2 the license plate or plates for the tow truck must cover the
3 gross vehicle weight, including any load carried on the bed of
4 the roll-back carrier.

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

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

17 (e) 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 (f) No vehicle or combination of vehicles with pneumatic
23 tires may be operated, unladen or with load, when the total
24 weight on the road surface exceeds the following: 20,000 pounds
25 on a single axle; 34,000 pounds on a tandem axle with no axle
26 within the tandem exceeding 20,000 pounds; 80,000 pounds gross

1 weight for vehicle combinations of 5 or more axles; or a total
 2 weight on a group of 2 or more consecutive axles in excess of
 3 that weight produced by the application of the following
 4 formula: $W = 500 \text{ times the sum of } (LN \text{ divided by } N-1) + 12N +$
 5 36 , where "W" equals overall total weight on any group of 2 or
 6 more consecutive axles to the nearest 500 pounds, "L" equals
 7 the distance measured to the nearest foot between extremes of
 8 any group of 2 or more consecutive axles, and "N" equals the
 9 number of axles in the group under consideration.

10 The above formula when expressed in tabular form results in
 11 allowable loads as follows:

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

1	10	40,000	43,500			
2	11		44,000			
3	12		45,000	50,000		
4	13		45,500	50,500		
5	14		46,500	51,500		
6	15		47,000	52,000		
7	16		48,000	52,500	58,000	
8	17		48,500	53,500	58,500	
9	18		49,500	54,000	59,000	
10	19		50,000	54,500	60,000	
11	20		51,000	55,500	60,500	66,000
12	21		51,500	56,000	61,000	66,500
13	22		52,500	56,500	61,500	67,000
14	23		53,000	57,500	62,500	68,000
15	24		54,000	58,000	63,000	68,500
16	25		54,500	58,500	63,500	69,000
17	26		55,500	59,500	64,000	69,500
18	27		56,000	60,000	65,000	70,000
19	28		57,000	60,500	65,500	71,000
20	29		57,500	61,500	66,000	71,500
21	30		58,500	62,000	66,500	72,000
22	31		59,000	62,500	67,500	72,500
23	32		60,000	63,500	68,000	73,000
24	33			64,000	68,500	74,000
25	34			64,500	69,000	74,500
26	35			65,500	70,000	75,000

1	36	66,000	70,500	75,500
2	37	66,500	71,000	76,000
3	38	67,500	72,000	77,000
4	39	68,000	72,500	77,500
5	40	68,500	73,000	78,000
6	41	69,500	73,500	78,500
7	42	70,000	74,000	79,000
8	43	70,500	75,000	80,000
9	44	71,500	75,500	
10	45	72,000	76,000	
11	46	72,500	76,500	
12	47	73,500	77,500	
13	48	74,000	78,000	
14	49	74,500	78,500	
15	50	75,500	79,000	
16	51	76,000	80,000	
17	52	76,500		
18	53	77,500		
19	54	78,000		
20	55	78,500		
21	56	79,500		
22	57	80,000		

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

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

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

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

16 The following are exceptions to the above formula:

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

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

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

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

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

11 (6) A truck not in combination, equipped with a self
12 compactor or an industrial roll-off hoist and roll-off
13 container, used exclusively for garbage, refuse, or
14 recycling operations, may, when laden, transmit upon the
15 road surface, except when on part of the National System of
16 Interstate and Defense Highways, the following maximum
17 weights: 22,000 pounds on a single axle; 40,000 pounds on a
18 tandem axle; 36,000 pounds gross weight on a 2-axle
19 vehicle; 54,000 pounds gross weight on a 3-axle vehicle.
20 This vehicle is not subject to the bridge formula.

21 (7) Combinations of vehicles, registered as Special
22 Hauling Vehicles that include a semitrailer manufactured
23 prior to or in the model year of 2014, and registered in
24 Illinois prior to January 1, 2015, having 5 axles with a
25 distance of 42 feet or less between extreme axles, may not
26 exceed the following maximum weights: 20,000 pounds on a

1 single axle; 34,000 pounds on a tandem axle; and 72,000
2 pounds gross weight. This combination of vehicles is not
3 subject to the bridge formula. For all those combinations
4 of vehicles that include a semitrailer manufactured after
5 the effective date of this amendatory Act of the 92nd
6 General Assembly, the overall distance between the first
7 and last axles of the 2 sets of tandems must be 18 feet 6
8 inches or more. Any combination of vehicles that has had
9 its cargo container replaced in its entirety after December
10 31, 2014 may not exceed the weights allowed by the bridge
11 formula.

12 (8) A 4-axle truck mixer registered as a Special
13 Hauling Vehicle, used exclusively for the mixing and
14 transportation of concrete in the plastic state,
15 manufactured before or in the model year of 2014, first
16 registered in Illinois before January 1, 2015, and not
17 operated on a highway that is part of the National System
18 of Interstate Highways, is allowed the following maximum
19 weights: 20,000 pounds on any single axle; 36,000 pounds on
20 a series of axles greater than 72 inches but not more than
21 96 inches; and 34,000 pounds on any series of 2 axles
22 greater than 40 inches but not more than 72 inches. The
23 gross weight of this vehicle may not exceed the weights
24 allowed by the bridge formula for 4 axles. The bridge
25 formula does not apply to any series of 3 axles while the
26 vehicle is transporting concrete in the plastic state, but

1 no axle or tandem axle of the series may exceed the maximum
2 weight permitted under this subsection (f).

3 (9) A 3-axle truck registered as a Special Hauling
4 Vehicle, used exclusively for the transportation of
5 non-hazardous solid waste, manufactured before or in the
6 model year of 2014, first registered in Illinois before
7 January 1, 2015, and not operated on a highway that is part
8 of the National System of Interstate Highways, is allowed
9 the following maximum weights: 22,000 pounds on any single
10 axle; 44,000 pounds on a series of axles greater than 72
11 inches but not more than 96 inches. This vehicle is not
12 subject to the bridge formula while the vehicle is
13 transporting solid waste.

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

20 (f-1) A vehicle and load not exceeding 80,000 pounds is
21 allowed travel on non-designated highways so long as there is
22 no sign prohibiting that access.

23 (g) No person shall operate a vehicle or combination of
24 vehicles over a bridge or other elevated structure constituting
25 part of a highway with a gross weight that is greater than the
26 maximum weight permitted by the Department, when the structure

1 is sign posted as provided in this Section.

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

14 (i) Upon the trial of any person charged with a violation
15 of subsections (g) or (h) of this Section, proof of the
16 determination of the maximum allowable weight by the Department
17 and the existence of the signs, constitutes conclusive evidence
18 of the maximum weight that can be maintained with safety to the
19 bridge or structure.

20 (Source: P.A. 95-51, eff. 1-1-08; 96-34, eff. 1-1-10; 96-37,
21 eff. 7-13-09.)

22 Section 99. Effective date. This Act takes effect upon
23 becoming law.