

1 AN ACT to amend the Illinois Vehicle Code.

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
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 equipped with
9 pneumatic tires shall be operated, unladen or with load, upon
10 the highways of this State when the gross weight on the road
11 surface through any single axle thereof exceeds 18,000
12 pounds, except when a different limit is established and
13 posted in accordance with Section 15-316 and except any
14 single axle of a 2 axle motor vehicle weighing 36,000 pounds
15 or less and not a part of a combination of vehicles, shall
16 not exceed 20,000 pounds. Provided, however, that any single
17 axle of a 2 axle motor vehicle equipped with a personnel lift
18 or digger derrick, weighing 36,000 pounds or less, owned and
19 operated by a public utility, shall not exceed 20,000 pounds.
20 No vehicle or combination of vehicles equipped with other
21 than pneumatic tires shall be operated, unladen or with load,
22 upon the highways of this State when the gross weight on the
23 road surface through any wheel thereof exceeds 800 pounds per
24 inch width of tire tread or when the gross weight on the road
25 surface through any axle thereof exceeds 16,000 pounds. The
26 gross weight transmitted to the road surface through tandem
27 axles shall not exceed 32,000 pounds and no axle of the
28 series shall exceed the maximum weight permitted under this
29 Section for a single axle. Provided that on a 4 axle vehicle
30 or on a 5 or more axle combination of vehicles the weight on
31 a series of 3 axles whose centers are more than 96 inches

1 apart, measured between extreme axles in the series, shall
2 not exceed those allowed on 3 axles in the table contained in
3 subsection (f) of this Section and no axle or tandem axle of
4 the series shall exceed the maximum weight permitted under
5 this Section for a single or tandem axle. Provided also that
6 a 3 axle vehicle or 3 axle truck mixer registered as a
7 Special Hauling Vehicle, used exclusively for the mixing and
8 transportation of concrete, specially equipped with a road
9 surface engaging mixer trailing 4th axle, manufactured
10 prior to or in the model year of 2004 and first registered in
11 Illinois prior to January 1, 2005, with a distance greater
12 than 72 inches but not more than 96 inches between any series
13 of 2 axles may transmit to the road surface a maximum weight
14 of 18,000 pounds on each of these axles with a gross weight
15 on these 2 axles not to exceed 36,000 pounds. Any such
16 vehicle manufactured in the model year of 2004 or thereafter
17 or first registered in Illinois after December 31, 2004 may
18 transmit to the road surface a maximum of 32,000 pounds
19 through these 2 axles and none of the axles shall exceed
20 18,000 pounds.

21 A truck, not in combination and specially equipped with a
22 selfcompactor, or an industrial roll-off hoist and roll-off
23 container, used exclusively for garbage or refuse operations,
24 and a truck used exclusively for the collection of rendering
25 materials may, however, when laden, transmit upon the road
26 surface of any highway except when part of the National
27 System of Interstate and Defense Highways, a gross weight
28 upon a single axle not more than 22,000 pounds, and upon a
29 tandem axle not more than 40,000 pounds. During the high
30 precipitation months of December, April, May, June, July, and
31 August, the gross weight upon a single axle or upon a tandem
32 axle may not exceed 35% above these weights. When unladen,
33 however, those trucks shall comply with the axle limitations
34 applicable to all other trucks.

1 A 2 axle truck specially equipped with a front loading
2 compactor used exclusively for garbage, refuse, or recycling
3 may transmit 20,000 pounds per axle provided that the gross
4 weight of the vehicle does not exceed 40,000 pounds.

5 (b) The gross weight of vehicles and combination of
6 vehicles including the weight of the vehicle or combination
7 and its maximum load shall be subject to the foregoing
8 limitations and further shall not exceed the following gross
9 weights dependent upon the number of axles and distance
10 between extreme axles of the vehicle or combination measured
11 longitudinally to the nearest foot.

12 VEHICLES HAVING 2 AXLES 36,000 pounds

13 VEHICLES OR COMBINATIONS

14 HAVING 3 AXLES

15	With Tandem		With or	
16	Axles		Without	
17			Tandem Axles	
18	Minimum		Minimum	
19	distance to	Maximum	distance to	Maximum
20	nearest foot	Gross	nearest foot	Gross
21	between	Weight	between	Weight
22	extreme axles	(pounds)	extreme axles	(pounds)
23	10 feet	41,000	16 feet	46,000
24	11	42,000	17	47,000
25	12	43,000	18	47,500
26	13	44,000	19	48,000
27	14	44,500	20	49,000
28	15	45,000	21 feet or more	50,000

29 VEHICLES OR COMBINATIONS

30 HAVING 4 AXLES

31	Minimum		Minimum	
32	distance to	Maximum	distance to	Maximum
33	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

14 In applying the above table to a vehicle having more than
 15 4 axles that is not in combination, only 4 axles shall be
 16 considered in determining the maximum gross weights.

17 COMBINATIONS HAVING 5 OR MORE AXLES

18	Minimum distance to	Maximum
19	nearest foot between	Gross Weight
20	extreme axles	(pounds)
21	42 feet or less	72,000
22	43	73,000
23	44 feet or more	73,280

24 VEHICLES OPERATING ON CRAWLER TYPE TRACKS 40,000 pounds

25 TRUCKS EQUIPPED WITH SELFCOMPACTORS

26 OR ROLL-OFF HOISTS AND ROLL-OFF CONTAINERS FOR GARBAGE

27 OR REFUSE HAULS ONLY AND TRUCKS USED FOR

28 THE COLLECTION OF RENDERING MATERIALS

29 On Highway Not Part of National System

30 of Interstate and Defense Highways

31	with 2 axles	36,000 pounds
32	with 3 axles	54,000 pounds

33 TWO AXLE TRUCKS EQUIPPED WITH

1 displayed on that vehicle does not cover the weight of the
2 vehicle, the weight of the vehicle shall be covered by the
3 third tow truck plate issued to the owner or operator of the
4 tow truck and temporarily affixed to the vehicle being towed.

5 In addition, the following conditions must be met:

6 (1) the towing vehicle must be:

7 a. specifically designed as a tow truck having
8 a gross vehicle weight rating of at least 18,000
9 lbs. and equipped with air brakes provided that air
10 brakes shall be required only if the towing vehicle
11 is towing a vehicle, semitrailer, or tractor-trailer
12 combination that is equipped with airbrakes;

13 b. equipped with flashing, rotating or
14 oscillating amber lights, visible for at least 500
15 feet in all directions; and

16 c. capable of utilizing the lighting and
17 braking systems of the disabled vehicle or
18 combination of vehicles.

19 (2) The towing of the vehicles on the highways of
20 this State shall not exceed 20 miles from the initial
21 point of wreck or disablement. Any additional movement of
22 the vehicles shall only occur upon issuance of
23 authorization for that movement under the provisions of
24 Sections 15-301 through 15-319 of this Chapter.

25 The Department may by rule or regulation prescribe
26 additional requirements. However, nothing in this Code shall
27 prohibit a tow truck under instructions of a police officer
28 from legally clearing a disabled vehicle, that may be in
29 violation of weight limitations of this Chapter, from the
30 roadway to the berm or shoulder of the highway.

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

34 (e) 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 (f) Notwithstanding any other provision in this Code,
6 except for those provisions of subsection (d) of this Section
7 relating to emergency operations of public utilities and tow
8 trucks while actually engaged in the towing of a disabled
9 vehicle, and those vehicles for which the Department issues
10 overweight permits under authority of Section 15-301 of this
11 Code, the weight limitations contained in this subsection
12 shall apply to the National System of Interstate and Defense
13 Highways and other highways in the system of State highways
14 that have been designated by the Department as Class I, II,
15 or III. No vehicle shall be operated on the highways with a
16 weight in excess of 20,000 pounds carried on any one axle or
17 with a tandem axle weight in excess of 34,000 pounds, or a
18 gross weight in excess of 80,000 pounds for vehicle
19 combinations of 5 axles or more, or a gross weight on a group
20 of 2 or more consecutive axles in excess of that weight
21 produced by the application of the following formula:

22
$$W = 500 \text{ times the sum of } (LN \text{ divided by } N-1) + 12N + 36$$

23 Where "W" equals overall gross weight on any group of 2 or
24 more consecutive axles to the nearest 500 pounds; "L" equals
25 the distance measured to the nearest foot between extremes of
26 any group of 2 or more consecutive axles; and "N" equals the
27 number of axles in the group under consideration, except that
28 2 consecutive sets of tandem axles may carry a gross load of
29 34,000 pounds each, provided the overall distance between the
30 first and last axles of the consecutive sets of tandem axles
31 is 36 feet or more. Provided also that a 3-axle vehicle
32 registered as a Special Hauling Vehicle manufactured prior to
33 or in the model year of 2004, and first registered in
34 Illinois prior to January 1, 2005, with a distance greater

1 than 72 inches but not more than 96 inches between the 2 rear
 2 axles may transmit to the road surface a maximum weight of
 3 18,000 pounds on each of the 2 rear axles with a gross weight
 4 on these 2 axles not to exceed 36,000 pounds. Any vehicle
 5 registered as a Special Hauling Vehicle manufactured prior to
 6 or in the model year of 2004 or thereafter or first
 7 registered in Illinois after December 31, 2004, may transmit
 8 to the road surface a maximum of 34,000 pounds through the 2
 9 rear axles and neither of the rear axles shall exceed 20,000
 10 pounds.

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

13	Distance measured					
14	to the nearest					
15	foot between the					
16	extremes of any		Maximum load in pounds			
17	group of 2 or		carried on any group of			
18	more consecutive		2 or more consecutive axles			
19	axles					
20	feet	2 axles	3 axles	4 axles	5 axles	6 axles
21	4	34,000				
22	5	34,000				
23	6	34,000				
24	7	34,000				
25	8	38,000*	42,000			
26	9	39,000	42,500			
27	10	40,000	43,500			
28	11		44,000			
29	12		45,000	50,000		
30	13		45,500	50,500		
31	14		46,500	51,500		
32	15		47,000	52,000		
33	16		48,000	52,500	58,000	
34	17		48,500	53,500	58,500	

1	18	49,500	54,000	59,000	
2	19	50,000	54,500	60,000	
3	20	51,000	55,500	60,500	66,000
4	21	51,500	56,000	61,000	66,500
5	22	52,500	56,500	61,500	67,000
6	23	53,000	57,500	62,500	68,000
7	24	54,000	58,000	63,000	68,500
8	25	54,500	58,500	63,500	69,000
9	26	55,500	59,500	64,000	69,500
10	27	56,000	60,000	65,000	70,000
11	28	57,000	60,500	65,500	71,000
12	29	57,500	61,500	66,000	71,500
13	30	58,500	62,000	66,500	72,000
14	31	59,000	62,500	67,500	72,500
15	32	60,000	63,500	68,000	73,000
16	33		64,000	68,500	74,000
17	34		64,500	69,000	74,500
18	35		65,500	70,000	75,000
19	36		66,000	70,500	75,500
20	37		66,500	71,000	76,000
21	38		67,500	72,000	77,000
22	39		68,000	72,500	77,500
23	40		68,500	73,000	78,000
24	41		69,500	73,500	78,500
25	42		70,000	74,000	79,000
26	43		70,500	75,000	80,000
27	44		71,500	75,500	
28	45		72,000	76,000	
29	46		72,500	76,500	
30	47		73,500	77,500	
31	48		74,000	78,000	
32	49		74,500	78,500	
33	50		75,500	79,000	
34	51		76,000	80,000	

1	52	76,500
2	53	77,500
3	54	78,000
4	55	78,500
5	56	79,500
6	57	80,000

7 *If the distance between 2 axles is 96 inches or less, the 2
8 axles are tandem axles and the maximum load permitted is
9 34,000 pounds, notwithstanding the higher limit resulting
10 from the application of the formula.

11 In applying the above formula to a vehicle having more
12 than 4 axles that is not a combination, only 4 axles shall be
13 considered in determining the maximum gross weight, and for a
14 combination of vehicles having more than 6 axles, only 6
15 axles shall be considered in determining the maximum gross
16 weight.

17 Notwithstanding the above table, 2 consecutive sets of
18 tandem axles may carry a gross weight of 34,000 pounds each
19 if the overall distance between the first and last axles of
20 the consecutive sets of tandem axles is 36 feet or more.

21 Local authorities and road district highway
22 commissioners, with respect to streets and highways under
23 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 gross weight
27 on any tandem axle shall not exceed 34,000 pounds, on
28 designated highways when appropriate regulatory signs giving
29 notice are erected upon the street or highway or portion of
30 any street or highway affected by the ordinance or
31 resolution.

32 Combinations of vehicles, registered as Special Hauling
33 Vehicles that include a semitrailer manufactured prior to or
34 in the model year of 2004, and first registered in Illinois

1 prior to January 1, 2005, having 5 axles with a distance of
2 42 feet or less between extreme axles shall be limited to the
3 weights prescribed in subsections (a) and (b) of this Section
4 and not subject to the bridge formula on the National System
5 of Interstate and Defense Highways and other highways in the
6 system of State highways designated by the Department. For
7 all those combinations of vehicles, that include a
8 semitrailer manufactured after the effective date of this
9 amendatory Act of 1986, the overall distance between the
10 first and last axles of the 2 sets of tandems must be 18 feet
11 6 inches or more. All combinations of vehicles registered as
12 Special Hauling Vehicles that include a semitrailer
13 manufactured prior to or in the model year of 2004 or
14 thereafter or first registered in Illinois after December 31,
15 2004, or that has had its cargo container replaced in its
16 entirety after December 31, 2004, are limited to the gross
17 weight allowed by the above formula.

18 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 or refuse operations,
21 shall be allowed the weights as prescribed in subsections (a)
22 and (b) of this Section and not subject to the bridge
23 formula, provided they are not operated on a highway that is
24 part of the Interstate and Defense Highway System.

25 Vehicles operating under this subsection shall have
26 access for a distance of one highway mile to or from a Class
27 I highway on any street or highway, unless there is a sign
28 prohibiting the access, or 5 highway miles to or from either
29 a Class I, II, or III highway on a street or highway included
30 in the system of State highways and upon any street or
31 highway designated by local authorities or road district
32 commissioners to points of loading and unloading and to
33 facilities for food, fuel, repairs and rest.

34 Section 5-35 of the Illinois Administrative Procedure Act

1 relating to procedures for rulemaking shall not apply to the
2 designation of highways under this subsection.

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

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

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

28 (Source: P.A. 89-117, eff. 7-7-95; 89-433, eff. 12-15-95;
29 90-89, eff. 1-1-98; 90-330, eff. 8-8-97; 90-655, eff.
30 7-30-98.)