



Rep. John J. Millner

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LRB093 19159 DRH 49022 a

1 AMENDMENT TO HOUSE BILL 4457

2 AMENDMENT NO. \_\_\_\_\_. Amend House Bill 4457, AS AMENDED, by  
3 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) On non-designated highways, no vehicle or combination  
10 of vehicles equipped with pneumatic tires may be operated,  
11 unladen or with load, when the total weight transmitted to the  
12 road surface exceeds 18,000 pounds on a single axle or 32,000  
13 pounds on a tandem axle with no axle within the tandem  
14 exceeding 18,000 pounds except:

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

17 (2) vehicles for which the Department of  
18 Transportation and local authorities issue overweight  
19 permits under authority of Section 15-301 of this Code;

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

23 (4) any single axle of a 2-axle truck weighing 36,000  
24 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,  
27 is allowed a combined weight on the series not to exceed  
28 36,000 pounds and neither axle of the series may exceed  
29 18,000 pounds. Any vehicle of this type manufactured after  
30 the model year of 2014 or first registered in Illinois  
31 after December 31, 2014 may not exceed a combined weight of  
32 32,000 pounds through the series of 2 axles and neither  
33 axle of the series may exceed 18,000 pounds;

34 (10) ~~tandem axles on~~ a 4-axle truck mixer, ~~whose fourth~~

1 ~~axle is a road surface engaging mixer trailing axle,~~  
2 registered as a Special Hauling Vehicle, used exclusively  
3 for the mixing and transportation of concrete and  
4 manufactured prior to or in the model year of 2014 and  
5 first registered in Illinois prior to January 1, 2015, ~~with~~  
6 ~~a distance greater than 72 inches but not more than 96~~  
7 ~~inches between any series of 2 axles,~~ is allowed the  
8 following maximum weights: 20,000 pounds on any single  
9 axle; 36,000 pounds on any series of 2 axles greater than  
10 72 inches but not more than 96 inches; and 34,000 pounds on  
11 any series of 2 axles greater than 40 inches but not more  
12 than 72 inches ~~a combined weight on the series not to~~  
13 ~~exceed 36,000 pounds and neither axle of the series may~~  
14 ~~exceed 18,000 pounds. Any vehicle of this type manufactured~~  
15 ~~after the model year of 2014 or first registered in~~  
16 ~~Illinois after December 31, 2014 may not exceed a combined~~  
17 ~~weight of 32,000 pounds through the series of 2 axles and~~  
18 ~~neither axle of the series may exceed 18,000 pounds;~~

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

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

33 (b) On non-designated highways, the gross weight of  
34 vehicles and combination of vehicles including the weight of

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

6 VEHICLES HAVING 2 AXLES ..... 36,000 pounds

7 VEHICLES OR COMBINATIONS

8 HAVING 3 AXLES

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

24 VEHICLES OR COMBINATIONS HAVING 4 AXLES

25	Minimum		Minimum	
26	distance to	Maximum	distance to	Maximum
27	nearest foot	Gross	nearest foot	Gross
28	between	Weight	between	Weight
29	extreme axles	(pounds)	extreme axles	(pounds)
30	15 feet	50,000	26 feet	57,500
31	16	50,500	27	58,000
32	17	51,500	28	58,500

1	18	52,000	29	59,500
2	19	52,500	30	60,000
3	20	53,500	31	60,500
4	21	54,000	32	61,500
5	22	54,500	33	62,000
6	23	55,500	34	62,500
7	24	56,000	35	63,500
8	25	56,500	36 feet or more	64,000

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

12

## 13 COMBINATIONS HAVING 5 OR MORE AXLES

14	Minimum distance to	Maximum
15	nearest foot between	Gross Weight
16	extreme axles	(pounds)
17	42 feet or less	72,000
18	43	73,000
19	44 feet or more	73,280

20 VEHICLES OPERATING ON CRAWLER TYPE TRACKS ..... 40,000 pounds

## 21 TRUCKS EQUIPPED WITH SELFCOMPACTORS

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

23 OR REFUSE HAULS ONLY AND TRUCKS USED FOR

24 THE COLLECTION OF RENDERING MATERIALS

25 On Highway Not Part of National System

26 of Interstate and Defense Highways

27 with 2 axles 36,000 pounds

28 with 3 axles 54,000 pounds

## 29 TWO AXLE TRUCKS EQUIPPED WITH

30 A FRONT LOADING COMPACTOR USED EXCLUSIVELY

31 FOR THE COLLECTION OF GARBAGE, REFUSE, OR RECYCLING

1 with 2 axles 40,000 pounds

2 A 4-axle truck mixer registered as a Special Hauling  
3 Vehicle, used exclusively for mixing and transportation of  
4 concrete, and manufactured before or in the model year of 2014  
5 and first registered in Illinois before January 1, 2015, is  
6 allowed a maximum gross weight listed in the table of  
7 subsection (f) of this Section for 4 axles. This vehicle is not  
8 subject to the series of 3 axles requirement provided for in  
9 subdivision (a) (11) of this Section.

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

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

22 A combination of vehicles, including a tow truck and a  
23 disabled vehicle or disabled combination of vehicles, that  
24 exceeds the weight restriction imposed by this Code, may be  
25 operated on a public highway in this State provided that  
26 neither the disabled vehicle nor any vehicle being towed nor  
27 the tow truck itself shall exceed the weight limitations  
28 permitted under this Chapter. During the towing operation,  
29 neither the tow truck nor the vehicle combination shall exceed  
30 24,000 pounds on a single rear axle and 44,000 pounds on a  
31 tandem rear axle, provided the towing vehicle:

32 (1) is specifically designed as a tow truck having a  
33 gross vehicle weight rating of at least 18,000 pounds and

1 is equipped with air brakes, provided that air brakes are  
2 required only if the towing vehicle is towing a vehicle,  
3 semitrailer, or tractor-trailer combination that is  
4 equipped with air brakes;

5 (2) is equipped with flashing, rotating, or  
6 oscillating amber lights, visible for at least 500 feet in  
7 all directions;

8 (3) is capable of utilizing the lighting and braking  
9 systems of the disabled vehicle or combination of vehicles;  
10 and

11 (4) does not engage in a tow exceeding 20 miles from  
12 the initial point of wreck or disablement. Any additional  
13 movement of the vehicles may occur only upon issuance of  
14 authorization for that movement under the provisions of  
15 Sections 15-301 through 15-319 of this Code.

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

28 The Department may by rule or regulation prescribe  
29 additional requirements. However, nothing in this Code shall  
30 prohibit a tow truck under instructions of a police officer  
31 from legally clearing a disabled vehicle, that may be in  
32 violation of weight limitations of this Chapter, from the  
33 roadway to the berm or shoulder of the highway. If in the  
34 opinion of the police officer that location is unsafe, the

1 officer is authorized to have the disabled vehicle towed to the  
2 nearest place of safety.

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

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

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

27 The above formula when expressed in tabular form results in  
28 allowable loads as follows:

29	Distance measured	
30	to the nearest	
31	foot between the	
32	extremes of any	Maximum weight in pounds
33	group of 2 or	of any group of



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

1	35	65,500	70,000	75,000
2	36	66,000	70,500	75,500
3	37	66,500	71,000	76,000
4	38	67,500	72,000	77,000
5	39	68,000	72,500	77,500
6	40	68,500	73,000	78,000
7	41	69,500	73,500	78,500
8	42	70,000	74,000	79,000
9	43	70,500	75,000	80,000
10	44	71,500	75,500	
11	45	72,000	76,000	
12	46	72,500	76,500	
13	47	73,500	77,500	
14	48	74,000	78,000	
15	49	74,500	78,500	
16	50	75,500	79,000	
17	51	76,000	80,000	
18	52	76,500		
19	53	77,500		
20	54	78,000		
21	55	78,500		
22	56	79,500		
23	57	80,000		

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

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

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

34 Local authorities, with respect to streets and highways

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

9 The following are exceptions to the above formula:

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

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

16 (3) 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 (4) Tow trucks subject to the conditions provided in  
21 subsection (d) may not exceed 24,000 pounds on a single  
22 rear axle or 44,000 pounds on a tandem rear axle.

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

30 (6) A truck not in combination, equipped with a self  
31 compactor or an industrial roll-off hoist and roll-off  
32 container, used exclusively for garbage or refuse  
33 operations, may, when laden, transmit upon the road  
34 surface, except when on part of the National System of

1 Interstate and Defense Highways, the following maximum  
2 weights: 22,000 pounds on a single axle; 40,000 pounds on a  
3 tandem axle; 36,000 pounds gross weight on a 2-axle  
4 vehicle; 54,000 pounds gross weight on a 3-axle vehicle.  
5 This vehicle is not subject to the bridge formula.

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

23 (8) A 4-axle truck mixer registered as a Special  
24 Hauling Vehicle, used exclusively for the mixing and  
25 transportation of concrete and manufactured before or in  
26 the model year of 2014 and first registered in Illinois  
27 before January 1, 2015, and not operated on a highway that  
28 is part of the National System of Interstate Highways, is  
29 allowed the following maximum weights; 20,000 pounds on any  
30 single axle; 36,000 pounds on a series of axles greater  
31 than 72 inches but not more than 96 inches; and 34,000  
32 pounds on any series of axles greater than 40 inches but  
33 not more than 72 inches. The gross weight of this vehicle  
34 may not exceed the weights allowed by the bridge formula

1       for 4 axles. The bridge formula does not apply to any  
2       series of 3 axles.

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

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

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

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

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

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

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

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

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

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

28      (f-2) A vehicle and load greater than 73,280 pounds in  
29      weight but not exceeding 80,000 pounds is allowed access as  
30      follows:

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

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

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

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

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

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

31           (Source: P.A. 92-417, eff. 1-1-02; 93-177, eff. 7-11-03;  
32 93-186, eff. 1-1-04; revised 1-22-04.)".