



Sen. James F. Clayborne Jr.

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LRB093 05811 DRH 51759 a

1 AMENDMENT TO HOUSE BILL 738

2 AMENDMENT NO. _____. Amend House Bill 738 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) 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
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,
24 shall not exceed 20,000 pounds;

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

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

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

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

21 (9) tandem axles on a 3-axle truck registered as a
22 Special Hauling Vehicle, manufactured prior to or in the
23 model year of 2014 and first registered in Illinois prior
24 to January 1, 2015, with a distance greater than 72 inches
25 but not more than 96 inches between any series of 2 axles,
26 is allowed a combined weight on the series not to exceed
27 36,000 pounds and neither axle of the series may exceed
28 18,000 pounds. Any vehicle of this type manufactured after
29 the model year of 2014 or first registered in Illinois
30 after December 31, 2014 may not exceed a combined weight of
31 32,000 pounds through the series of 2 axles and neither
32 axle of the series may exceed 18,000 pounds;

33 (10) ~~tandem axles on a 4-axle truck mixer, whose fourth~~
34 ~~axle is a road surface engaging mixer trailing axle,~~

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

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

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

23 VEHICLES OR COMBINATIONS HAVING 4 AXLES

24	Minimum		Minimum	
25	distance to	Maximum	distance to	Maximum
26	nearest foot	Gross	nearest foot	Gross
27	between	Weight	between	Weight
28	extreme axles	(pounds)	extreme axles	(pounds)
29	15 feet	50,000	26 feet	57,500
30	16	50,500	27	58,000
31	17	51,500	28	58,500
32	18	52,000	29	59,500

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

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

11

12 COMBINATIONS HAVING 5 OR MORE AXLES

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

19 VEHICLES OPERATING ON CRAWLER TYPE TRACKS 40,000 pounds

20 TRUCKS EQUIPPED WITH SELFCOMPACTORS
21 OR ROLL-OFF HOISTS AND ROLL-OFF CONTAINERS FOR GARBAGE

22 OR REFUSE HAULS ONLY AND TRUCKS USED FOR
23 THE COLLECTION OF RENDERING MATERIALS
24 On Highway Not Part of National System
25 of Interstate and Defense Highways

26	with 2 axles	36,000 pounds
27	with 3 axles	54,000 pounds

28 TWO AXLE TRUCKS EQUIPPED WITH
29 A FRONT LOADING COMPACTOR USED EXCLUSIVELY
30 FOR THE COLLECTION OF GARBAGE, REFUSE, OR RECYCLING

31	with 2 axles	40,000 pounds
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1 A 4-axle truck mixer registered as a Special Hauling
2 Vehicle, used exclusively for mixing and transportation of
3 concrete, and manufactured before or in the model year of 2014
4 and first registered in Illinois before January 1, 2015, is
5 allowed a maximum gross weight listed in the table of
6 subsection (f) of this Section for 4 axles. This vehicle is not
7 subject to the series of 3 axles requirement provided for in
8 subdivision (a) (11) of this Section.

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

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

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

31 (1) is specifically designed as a tow truck having a
32 gross vehicle weight rating of at least 18,000 pounds and
33 is equipped with air brakes, provided that air brakes are

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

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

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

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

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.

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

1 nearest place of safety.

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

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

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

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

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

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

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

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

33 Local authorities, with respect to streets and highways
 34 under their jurisdiction, without additional fees, may also by

1 ordinance or resolution allow the weight limitations of this
2 subsection, provided the maximum gross weight on any one axle
3 shall not exceed 20,000 pounds and the maximum total weight on
4 any tandem axle shall not exceed 34,000 pounds, on designated
5 highways when appropriate regulatory signs giving notice are
6 erected upon the street or highway or portion of any street or
7 highway affected by the ordinance or resolution.

8 The following are exceptions to the above formula:

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

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

15 (3) 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 (4) 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 (5) A tandem axle on a 3-axle truck registered as a
23 Special Hauling Vehicle, manufactured prior to or in the
24 model year of 2014, and registered in Illinois prior to
25 January 1, 2015, with a distance between 2 axles in a
26 series greater than 72 inches but not more than 96 inches
27 may not exceed a total weight of 36,000 pounds and neither
28 axle of the series may exceed 18,000 pounds.

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

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

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

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

1 series of 3 axles on any vehicle manufactured before
2 January 1, 2005 and first registered before July 1, 2005.

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.)".