



Rep. Harry Benton

Filed: 3/10/2025

10400HB2394ham001

LRB104 08276 LNS 23538 a

1 AMENDMENT TO HOUSE BILL 2394

2 AMENDMENT NO. _____. Amend House Bill 2394 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) No vehicle or combination of vehicles with pneumatic
9 tires may be operated, unladen or with load, when the total
10 weight on the road surface exceeds the following: 20,000
11 pounds on a single axle; 34,000 pounds on a tandem axle with no
12 axle within the tandem exceeding 20,000 pounds; 80,000 pounds
13 gross weight for vehicle combinations of 5 or more axles; or a
14 total weight on a group of 2 or more consecutive axles in
15 excess of that weight produced by the application of the
16 following formula: $W = 500 \text{ times the sum of } (LN \text{ divided by } N-1)$

+ 12N + 36, where "W" equals overall total weight on any group of 2 or more consecutive axles to the nearest 500 pounds, "L" equals the distance measured to the nearest foot between extremes of any group of 2 or more consecutive axles, and "N" equals the number of axles in the group under consideration.

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

Distance measured

to the nearest

foot between the

extremes of any

group of 2 or

more consecutive

axles

Maximum weight in pounds

of any group of

2 or more consecutive axles

feet	2 axles	3 axles	4 axles	5 axles	6 axles
4	34,000				
5	34,000				
6	34,000				
7	34,000				
8	34,000*	34,000			
Between 8					
and 9	38,000	42,000			
9	39,000	42,500			
10	40,000	43,500			
11		44,000			

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

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

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

25 **Two consecutive sets of tandem axles may carry 34,000 pounds
26 each if the overall distance between the first and last axles

1 of these tandems is 36 feet or more.

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

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

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

17 The following are exceptions to the above formula:

18 (1) Vehicles for which a different limit is
19 established and posted in accordance with Section 15-316
20 of this Code.

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

25 (3) Cities having a population of more than 50,000 may
26 permit by ordinance axle loads on 2-axle motor vehicles 33

1 1/2% above those provided for herein, but the increase
2 shall not become effective until the city has officially
3 notified the Department of the passage of the ordinance
4 and shall not apply to those vehicles when outside of the
5 limits of the city, nor shall the gross weight of any
6 2-axle motor vehicle operating over any street of the city
7 exceed 40,000 pounds.

8 (4) Weight limitations shall not apply to vehicles
9 (including loads) operated by a public utility when
10 transporting equipment required for emergency repair of
11 public utility facilities or properties or water wells.

12 (4.5) A 3-axle or 4-axle vehicle (including when
13 laden) operated or hired by a municipality within Cook,
14 Lake, McHenry, Kane, DuPage, or Will county being operated
15 for the purpose of performing emergency sewer repair that
16 would be subject to a weight limitation less than 66,000
17 pounds under the formula in this subsection (a) shall have
18 a weight limitation of 66,000 pounds or the vehicle's
19 gross vehicle weight rating, whichever is less. This
20 paragraph (4.5) does not apply to vehicles being operated
21 on the National System of Interstate and Defense Highways,
22 or to vehicles being operated on bridges or other elevated
23 structures constituting a part of a highway.

24 (5) Two consecutive sets of tandem axles may carry a
25 total weight of 34,000 pounds each if the overall distance
26 between the first and last axles of the consecutive sets

1 of tandem axles is 36 feet or more, notwithstanding the
2 lower limit resulting from the application of the above
3 formula.

4 (6) A truck, not in combination and used exclusively
5 for the collection of rendering materials, may, when
6 laden, transmit upon the road surface, except when on part
7 of the National System of Interstate and Defense Highways,
8 the following maximum weights: 22,000 pounds on a single
9 axle; 40,000 pounds on a tandem axle.

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

20 (7.5) A 3-axle rear discharge truck mixer registered
21 as a Special Hauling Vehicle, used exclusively for the
22 mixing and transportation of concrete in the plastic
23 state, may, when laden, transmit upon the road surface,
24 except when on part of the National System of Interstate
25 and Defense Highways, the following maximum weights:
26 22,000 pounds on single axle; 40,000 pounds on a tandem

1 axle; 54,000 pounds gross weight on a 3-axle vehicle. This
2 vehicle is not subject to the bridge formula.

3 (8) Except as provided in paragraph (7.5) of this
4 subsection (a), tandem axles on a 3-axle truck registered
5 as a Special Hauling Vehicle, manufactured prior to or in
6 the model year of 2024 and first registered in Illinois
7 prior to January 1, 2025, with a distance greater than 72
8 inches but not more than 96 inches between any series of 2
9 axles, is allowed a combined weight on the series not to
10 exceed 36,000 pounds and neither axle of the series may
11 exceed 20,000 pounds. Any vehicle of this type
12 manufactured after the model year of 2024 or first
13 registered in Illinois after December 31, 2024 may not
14 exceed a combined weight of 34,000 pounds through the
15 series of 2 axles and neither axle of the series may exceed
16 20,000 pounds.

17 A 3-axle combination sewer cleaning jetting vacuum
18 truck registered as a Special Hauling Vehicle, used
19 exclusively for the transportation of non-hazardous solid
20 waste, manufactured before or in the model year of 2014,
21 first registered in Illinois before January 1, 2015, may,
22 when laden, transmit upon the road surface, except when on
23 part of the National System of Interstate and Defense
24 Highways, the following maximum weights: 22,000 pounds on
25 a single axle; 40,000 pounds on a tandem axle; 54,000
26 pounds gross weight on a 3-axle vehicle. This vehicle is

1 not subject to the bridge formula.

2 (9) A 4-axle truck mixer registered as a Special
3 Hauling Vehicle, used exclusively for the mixing and
4 transportation of concrete in the plastic state, and not
5 operated on a highway that is part of the National System
6 of Interstate Highways, is allowed the following maximum
7 weights: 20,000 pounds on any single axle; 36,000 pounds
8 on a series of axles greater than 72 inches but not more
9 than 96 inches; and 34,000 pounds on any series of 2 axles
10 greater than 40 inches but not more than 72 inches. The
11 gross weight of this vehicle may not exceed the weights
12 allowed by the bridge formula for 4 axles. The bridge
13 formula does not apply to any series of 3 axles while the
14 vehicle is transporting concrete in the plastic state, but
15 no axle or tandem axle of the series may exceed the maximum
16 weight permitted under this paragraph (9) of subsection
17 (a).

18 (10) Combinations of vehicles, registered as Special
19 Hauling Vehicles that include a semitrailer manufactured
20 prior to or in the model year of 2024, and registered in
21 Illinois prior to January 1, 2025, having 5 axles with a
22 distance of 42 feet or less between extreme axles, may not
23 exceed the following maximum weights: 20,000 pounds on a
24 single axle; 34,000 pounds on a tandem axle; and 72,000
25 pounds gross weight. This combination of vehicles is not
26 subject to the bridge formula. For all those combinations

1 of vehicles that include a semitrailer manufactured after
2 the effective date of P.A. 92-0417, the overall distance
3 between the first and last axles of the 2 sets of tandems
4 must be 18 feet 6 inches or more. Any combination of
5 vehicles that has had its cargo container replaced in its
6 entirety after December 31, 2024 may not exceed the
7 weights allowed by the bridge formula.

8 (11) The maximum weight allowed on a vehicle with
9 crawler type tracks is 40,000 pounds.

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

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

1 (ii) is equipped with flashing, rotating, or
2 oscillating amber lights, visible for at least 500
3 feet in all directions;

4 (iii) is capable of utilizing the lighting and
5 braking systems of the disabled vehicle or combination
6 of vehicles; and

7 (iv) does not engage in a tow exceeding 20 miles
8 from the initial point of wreck or disablement. Any
9 additional movement of the vehicles may occur only
10 upon issuance of authorization for that movement under
11 the provisions of Sections 15-301 through 15-318 of
12 this Code. The towing vehicle, however, may tow any
13 disabled vehicle to a point where repairs are actually
14 to occur. This movement shall be valid only on State
15 routes. The tower must abide by posted bridge weight
16 limits.

17 (12.5) The vehicle weight limitations in this Section
18 do not apply to a covered heavy duty tow and recovery
19 vehicle. The covered heavy duty tow and recovery vehicle
20 license plate must cover the operating empty weight of the
21 covered heavy duty tow and recovery vehicle only.

22 (13) Upon and during a declaration of an emergency
23 propane supply disaster by the Governor under Section 7 of
24 the Illinois Emergency Management Agency Act:

25 (i) a truck not in combination, equipped with a
26 cargo tank, used exclusively for the transportation of

1 propane or liquefied petroleum gas may, when laden,
2 transmit upon the road surface, except when on part of
3 the National System of Interstate and Defense
4 Highways, the following maximum weights: 22,000 pounds
5 on a single axle; 40,000 pounds on a tandem axle;
6 40,000 pounds gross weight on a 2-axle vehicle; 54,000
7 pounds gross weight on a 3-axle vehicle; and

8 (ii) a truck when in combination with a trailer
9 equipped with a cargo tank used exclusively for the
10 transportation of propane or liquefied petroleum gas
11 may, when laden, transmit upon the road surface,
12 except when on part of the National System of
13 Interstate and Defense Highways, the following maximum
14 weights: 22,000 pounds on a single axle; 40,000 pounds
15 on a tandem axle; 90,000 pounds gross weight on a
16 5-axle or 6-axle vehicle.

17 Vehicles operating under this paragraph (13) are not
18 subject to the bridge formula.

19 (14) A vehicle or combination of vehicles that uses
20 either natural gas or propane gas as a motor fuel or is
21 operated by an engine fueled wholly or partially by an
22 electric battery or hydrogen fuel cell electric fueling
23 system may exceed the above weight limitations by up to
24 2,000 pounds, the total allowance is calculated by an
25 amount that is equal to the difference between the weight
26 of the vehicle attributable to the natural gas or propane

1 or hydrogen gas tank, batteries, and fueling system
2 carried by the vehicle, and the weight of a comparable
3 diesel tank and fueling system. This paragraph (14) shall
4 not allow a vehicle to exceed any posted weight limit on a
5 highway or structure.

6 (15) An emergency vehicle or fire apparatus that is a
7 vehicle designed to be used under emergency conditions to
8 transport personnel and equipment, and used to support the
9 suppression of fires and mitigation of other hazardous
10 situations on a Class I highway, may not exceed 86,000
11 pounds gross weight, or any of the following weight
12 allowances:

13 (i) 24,000 pounds on a single steering axle;

14 (ii) 33,500 pounds on a single drive axle;

15 (iii) 62,000 pounds on a tandem axle; or

16 (iv) 52,000 pounds on a tandem rear drive steer
17 axle.

18 (16) A bus, motor coach, or recreational vehicle may
19 carry a total weight of 24,000 pounds on a single axle, but
20 may not exceed other weight provisions of this Section.

21 Gross weight limits shall not apply to the combination of
22 the tow truck and vehicles being towed. The tow truck license
23 plate must cover the operating empty weight of the tow truck
24 only. The weight of each vehicle being towed shall be covered
25 by a valid license plate issued to the owner or operator of the
26 vehicle being towed and displayed on that vehicle. If no valid

1 plate issued to the owner or operator of that vehicle is
2 displayed on that vehicle, or the plate displayed on that
3 vehicle does not cover the weight of the vehicle, the weight of
4 the vehicle shall be covered by the third tow truck plate
5 issued to the owner or operator of the tow truck and
6 temporarily affixed to the vehicle being towed. If a roll-back
7 carrier is registered and being used as a tow truck, however,
8 the license plate or plates for the tow truck must cover the
9 gross vehicle weight, including any load carried on the bed of
10 the roll-back carrier.

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

20 For the purpose of this subsection, gross vehicle weight
21 rating, or GVWR, means the value specified by the manufacturer
22 as the loaded weight of the tow truck.

23 (b) As used in this Section, "recycling haul" or
24 "recycling operation" means the hauling of non-hazardous,
25 non-special, non-putrescible materials, such as paper, glass,
26 cans, or plastic, for subsequent use in the secondary

1 materials market.

2 (c) 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 15-318 of this Chapter.

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

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

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

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

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

11 (Source: P.A. 102-124, eff. 7-23-21.)".