



Rep. Jack D. Franks

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09600SB1450ham001

LRB096 07413 AJT 26390 a

1 AMENDMENT TO SENATE BILL 1450

2 AMENDMENT NO. \_\_\_\_\_. Amend Senate Bill 1450 on page 1, by  
3 replacing line 5 with "Sections 15-102 and 15-111 as follows:";  
4 and

5 on page 10, by inserting below line 26 the following:

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

1           Transportation and local authorities issue overweight  
2           permits under authority of Section 15-301 of this Code;

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

6           (4) any single axle of a 2-axle truck weighing 36,000  
7           pounds or less and not a part of a combination of vehicles,  
8           shall not exceed 20,000 pounds;

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

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

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

24          (8) a truck, not in combination and used exclusively  
25          for the collection of rendering materials, may, when laden,  
26          transmit upon the road surface the following maximum

1 weights: 22,000 pounds on a single axle; 40,000 pounds on a  
2 tandem axle;

3 (9) tandem axles on a 3-axle truck registered as a  
4 Special Hauling Vehicle, manufactured prior to or in the  
5 model year of 2014 and first registered in Illinois prior  
6 to January 1, 2015, with a distance greater than 72 inches  
7 but not more than 96 inches between any series of 2 axles,  
8 is allowed a combined weight on the series not to exceed  
9 36,000 pounds and neither axle of the series may exceed  
10 18,000 pounds. Any vehicle of this type manufactured after  
11 the model year of 2014 or first registered in Illinois  
12 after December 31, 2014 may not exceed a combined weight of  
13 32,000 pounds through the series of 2 axles and neither  
14 axle of the series may exceed 18,000 pounds;

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

25 (11) 4-axle vehicles or a 5 or more axle combination of  
26 vehicles: The weight transmitted upon the road surface

1 through any series of 3 axles whose centers are more than  
2 96 inches apart, measured between extreme axles in the  
3 series, may not exceed those allowed in the table contained  
4 in subsection (f) of this Section. No axle or tandem axle  
5 of the series may exceed the maximum weight permitted under  
6 this Section for a single or tandem axle; -

7 (12) a single-frame, 5-axle truck with any combination  
8 of 4 consecutive axles not exceeding 60,000 pounds and a  
9 gross total vehicle weight not exceeding 72,000 pounds,  
10 entering from a bordering state onto any designated or  
11 non-designated highway for a distance of 5 highway miles or  
12 less for the purpose of the loading or unloading, or both,  
13 of construction aggregates. The truck in this paragraph is  
14 not subject to the gross weight table set forth in  
15 subsection (b) of this Section or the bridge formula set  
16 forth in subsection (f) of this Section. This paragraph  
17 (12) shall be inoperative and of no force and effect after  
18 September 1, 2011.

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

25 (b) On non-designated highways, the gross weight of  
26 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

23 VEHICLES OR COMBINATIONS HAVING 4 AXLES

1	Minimum		Minimum	
2	distance to	Maximum	distance to	Maximum
3	nearest foot	Gross	nearest foot	Gross
4	between	Weight	between	Weight
5	extreme axles	(pounds)	extreme axles	(pounds)
6	15 feet	50,000	26 feet	57,500
7	16	50,500	27	58,000
8	17	51,500	28	58,500
9	18	52,000	29	59,500
10	19	52,500	30	60,000
11	20	53,500	31	60,500
12	21	54,000	32	61,500
13	22	54,500	33	62,000
14	23	55,500	34	62,500
15	24	56,000	35	63,500
16	25	56,500	36 feet or more	64,000

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

20 COMBINATIONS HAVING 5 OR MORE AXLES

21	Minimum distance to	Maximum
22	nearest foot between	Gross Weight
23	extreme axles	(pounds)
24	42 feet or less	72,000
25	43	73,000

1 44 feet or more 73,280

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

3 TRUCKS EQUIPPED WITH SELFCOMPACTORS  
4 OR ROLL-OFF HOISTS AND ROLL-OFF CONTAINERS FOR GARBAGE,  
5 REFUSE, OR RECYCLING HAULS ONLY AND TRUCKS USED FOR  
6 THE COLLECTION OF RENDERING MATERIALS  
7 On Highway Not Part of National System  
8 of Interstate and Defense Highways

9 with 2 axles 36,000 pounds

10 with 3 axles 54,000 pounds

11 TWO AXLE TRUCKS EQUIPPED WITH  
12 A FRONT LOADING COMPACTOR USED EXCLUSIVELY  
13 FOR THE COLLECTION OF GARBAGE, REFUSE, OR RECYCLING  
14 with 2 axles 40,000 pounds

15 A 4-axle truck mixer registered as a Special Hauling  
16 Vehicle, used exclusively for mixing and transportation of  
17 concrete in the plastic state, manufactured before or in the  
18 model year of 2014, and first registered in Illinois before  
19 January 1, 2015, is allowed a maximum gross weight listed in  
20 the table of subsection (f) of this Section for 4 axles. This  
21 vehicle, while loaded with concrete in the plastic state, is  
22 not subject to the series of 3 axles requirement provided for

1 in subdivision (a)(11) of this Section, but no axle or tandem  
2 axle of the series may exceed the maximum weight permitted  
3 under subdivision (a)(10) of this Section.

4 (b-1) As used in this Section, a "recycling haul" or  
5 "recycling operation" means the hauling of segregated,  
6 non-hazardous, non-special, homogeneous non-putrescible  
7 materials, such as paper, glass, cans, or plastic, for  
8 subsequent use in the secondary materials market.

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



1 permitted under this Chapter. During the towing operation,  
2 neither the tow truck nor the vehicle combination shall exceed  
3 24,000 pounds on a single rear axle and 44,000 pounds on a  
4 tandem rear axle, provided the towing vehicle:

5 (1) is specifically designed as a tow truck having a  
6 gross vehicle weight rating of at least 18,000 pounds and  
7 is equipped with air brakes, provided that air brakes are  
8 required only if the towing vehicle is towing a vehicle,  
9 semitrailer, or tractor-trailer combination that is  
10 equipped with air brakes;

11 (2) is equipped with flashing, rotating, or  
12 oscillating amber lights, visible for at least 500 feet in  
13 all directions;

14 (3) is capable of utilizing the lighting and braking  
15 systems of the disabled vehicle or combination of vehicles;  
16 and

17 (4) does not engage in a tow exceeding 20 miles from  
18 the initial point of wreck or disablement. Any additional  
19 movement of the vehicles may occur only upon issuance of  
20 authorization for that movement under the provisions of  
21 Sections 15-301 through 15-319 of this Code. The towing  
22 vehicle, however, may tow any disabled vehicle from the  
23 initial point of wreck or disablement to a point where  
24 repairs are actually to occur. This movement shall be valid  
25 only on State routes. The tower must abide by posted bridge  
26 weight limits.

1           Gross weight limits shall not apply to the combination of  
2 the tow truck and vehicles being towed. The tow truck license  
3 plate must cover the operating empty weight of the tow truck  
4 only. The weight of each vehicle being towed shall be covered  
5 by a valid license plate issued to the owner or operator of the  
6 vehicle being towed and displayed on that vehicle. If no valid  
7 plate issued to the owner or operator of that vehicle is  
8 displayed on that vehicle, or the plate displayed on that  
9 vehicle does not cover the weight of the vehicle, the weight of  
10 the vehicle shall be covered by the third tow truck plate  
11 issued to the owner or operator of the tow truck and  
12 temporarily affixed to the vehicle being towed. If a roll-back  
13 carrier is registered and being used as a tow truck, however,  
14 the license plate or plates for the tow truck must cover the  
15 gross vehicle weight, including any load carried on the bed of  
16 the roll-back carrier.

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

26           For the purpose of this subsection, gross vehicle weight

1 rating, or GVWR, shall mean the value specified by the  
2 manufacturer as the loaded weight of the tow truck.

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

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

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

1	Distance measured					
2	to the nearest					
3	foot between the					
4	extremes of any	Maximum weight in pounds				
5	group of 2 or	of any group of				
6	more consecutive	2 or more consecutive axles				
7	axles					
8	feet	2 axles	3 axles	4 axles	5 axles	6 axles
9	4	34,000				
10	5	34,000				
11	6	34,000				
12	7	34,000				
13	8	38,000*	42,000			
14	9	39,000	42,500			
15	10	40,000	43,500			
16	11		44,000			
17	12		45,000	50,000		
18	13		45,500	50,500		
19	14		46,500	51,500		
20	15		47,000	52,000		
21	16		48,000	52,500	58,000	
22	17		48,500	53,500	58,500	
23	18		49,500	54,000	59,000	
24	19		50,000	54,500	60,000	
25	20		51,000	55,500	60,500	66,000
26	21		51,500	56,000	61,000	66,500

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

1	48	74,000	78,000
2	49	74,500	78,500
3	50	75,500	79,000
4	51	76,000	80,000
5	52	76,500	
6	53	77,500	
7	54	78,000	
8	55	78,500	
9	56	79,500	
10	57	80,000	

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

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

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

21 Local authorities, with respect to streets and highways  
22 under their jurisdiction, without additional fees, may also by  
23 ordinance or resolution allow the weight limitations of this  
24 subsection, provided the maximum gross weight on any one axle  
25 shall not exceed 20,000 pounds and the maximum total weight on  
26 any tandem axle shall not exceed 34,000 pounds, on designated

1 highways when appropriate regulatory signs giving notice are  
2 erected upon the street or highway or portion of any street or  
3 highway affected by the ordinance or resolution.

4 The following are exceptions to the above formula:

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

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

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

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

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

25 (6) A truck not in combination, equipped with a self  
26 compactor or an industrial roll-off hoist and roll-off

1 container, used exclusively for garbage, refuse, or  
2 recycling operations, may, when laden, transmit upon the  
3 road surface, except when on part of the National System of  
4 Interstate and Defense Highways, the following maximum  
5 weights: 22,000 pounds on a single axle; 40,000 pounds on a  
6 tandem axle; 36,000 pounds gross weight on a 2-axle  
7 vehicle; 54,000 pounds gross weight on a 3-axle vehicle.  
8 This vehicle is not subject to the bridge formula.

9 (7) Combinations of vehicles, registered as Special  
10 Hauling Vehicles that include a semitrailer manufactured  
11 prior to or in the model year of 2014, and registered in  
12 Illinois prior to January 1, 2015, having 5 axles with a  
13 distance of 42 feet or less between extreme axles, may not  
14 exceed the following maximum weights: 18,000 pounds on a  
15 single axle; 32,000 pounds on a tandem axle; and 72,000  
16 pounds gross weight. This combination of vehicles is not  
17 subject to the bridge formula. For all those combinations  
18 of vehicles that include a semitrailer manufactured after  
19 the effective date of this amendatory Act of the 92nd  
20 General Assembly, the overall distance between the first  
21 and last axles of the 2 sets of tandems must be 18 feet 6  
22 inches or more. Any combination of vehicles that has had  
23 its cargo container replaced in its entirety after December  
24 31, 2014 may not exceed the weights allowed by the bridge  
25 formula.

26 (8) A 4-axle truck mixer registered as a Special



1 Hauling Vehicle, used exclusively for the mixing and  
2 transportation of concrete in the plastic state,  
3 manufactured before or in the model year of 2014, first  
4 registered in Illinois before January 1, 2015, 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 on  
8 a series of axles greater than 72 inches but not more than  
9 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 subsection (f).

17 (9) A single-frame, 5-axle truck with any combination  
18 of 4 consecutive axles not exceeding 60,000 pounds and a  
19 gross total vehicle weight not exceeding 72,000 pounds,  
20 entering from a bordering state onto any designated or  
21 non-designated highway for a distance of 5 highway miles or  
22 less for the purpose of the loading or unloading, or both,  
23 of construction aggregates. This truck is not subject to  
24 the bridge formula in this subsection or gross weight chart  
25 in subsection (b) of this Section. This paragraph (9) shall  
26 be inoperative and of no force and effect after September

1           1, 2011.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

1 withstand, and shall cause or permit suitable signs stating  
2 maximum weight to be erected and maintained before each end of  
3 the structure. No person shall operate a vehicle or combination  
4 of vehicles over any structure with a gross weight that is  
5 greater than the posted maximum weight.

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

12 (Source: P.A. 94-464, eff. 1-1-06; 94-926, eff. 1-1-07; 95-51,  
13 eff. 1-1-08.)

14 Section 99. Effective date. This Act takes effect upon  
15 becoming law."