

House _____ Amendment NO. _____

Offered By _____

1 AMEND House Committee Substitute for House Bill No. 2128, Page 5, Section 304.170, Line 130,
2 by inserting the following after all of said section and line:

3
4 "304.172. The provisions of sections 304.170 to 304.240 relating to height, width, ~~[weight,~~
5 ~~and length [and load]~~ restrictions for motor vehicles shall not apply to any motor vehicle and its
6 attached apparatus which is designed for use and used by a fire department, fire protection district or
7 volunteer fire protection association or when being operated by a fire apparatus manufacturer or
8 sales organization for the purpose of sale, demonstration, exhibit, or delivery to a fire department,
9 fire protection district or volunteer fire protection association.

10 304.180. 1. No vehicle or combination of vehicles shall be moved or operated on any
11 highway in this state having a greater weight than twenty thousand pounds on one axle, no
12 combination of vehicles operated by transporters of general freight over regular routes as defined in
13 section 390.020 shall be moved or operated on any highway of this state having a greater weight
14 than the vehicle manufacturer's rating on a steering axle with the maximum weight not to exceed
15 twelve thousand pounds on a steering axle, and no vehicle shall be moved or operated on any state
16 highway of this state having a greater weight than thirty-four thousand pounds on any tandem axle;
17 the term "tandem axle" shall mean a group of two or more axles, arranged one behind another, the
18 distance between the extremes of which is more than forty inches and not more than ninety-six
19 inches apart.

20 2. An "axle load" is defined as the total load transmitted to the road by all wheels whose
21 centers are included between two parallel transverse vertical planes forty inches apart, extending
22 across the full width of the vehicle.

23 3. Subject to the limit upon the weight imposed upon a highway of this state through any
24 one axle or on any tandem axle, the total gross weight with load imposed by any group of two or
25 more consecutive axles of any vehicle or combination of vehicles shall not exceed the maximum
26 load in pounds as set forth in the following table:

27
28 Distance in feet between the extremes of any group of two or more consecutive axles, measured to
29 the nearest foot, except where indicated otherwise

	Maximum load in pounds					
feet	2 axles	3 axles	4 axles	5 axles	6 axles	
30 4	34,000					
31 5	34,000					
32 6	34,000					
33 7	34,000					
34 8	34,000	34,000				

35
36
Action Taken _____ Date _____

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

1 57 60,000 80,000 80,000 80,000

2
3 Notwithstanding the above table, two consecutive sets of tandem axles may carry a gross load of
4 thirty-four thousand pounds each if the overall distance between the first and last axles of such
5 consecutive sets of tandem axles is thirty-six feet or more.

6 4. Whenever the state highways and transportation commission finds that any state highway
7 bridge in the state is in such a condition that use of such bridge by vehicles of the weights specified
8 in subsection 3 of this section will endanger the bridge, or the users of the bridge, the commission
9 may establish maximum weight limits and speed limits for vehicles using such bridge. The
10 governing body of any city or county may grant authority by act or ordinance to the commission to
11 enact the limitations established in this section on those roadways within the purview of such city or
12 county. Notice of the weight limits and speed limits established by the commission shall be given
13 by posting signs at a conspicuous place at each end of any such bridge.

14 5. Nothing in this section shall be construed as permitting lawful axle loads, tandem axle
15 loads or gross loads in excess of those permitted under the provisions of P.L. 97-424 codified in
16 Title 23 of the United States Code (23 U.S.C. Section 101, et al.), as amended.

17 6. Notwithstanding the weight limitations contained in this section, any vehicle or
18 combination of vehicles operating on highways other than the interstate highway system may
19 exceed single axle, tandem axle and gross weight limitations in an amount not to exceed two
20 thousand pounds. However, total gross weight shall not exceed eighty thousand pounds, except as
21 provided in subsections 9, 10, 12, and 13 of this section.

22 7. Notwithstanding any provision of this section to the contrary, the commission shall issue
23 a single-use special permit, or upon request of the owner of the truck or equipment shall issue an
24 annual permit, for the transporting of any crane or concrete pump truck or well-drillers' equipment.
25 The commission shall set fees for the issuance of permits and parameters for the transport of cranes
26 pursuant to this subsection. Notwithstanding the provisions of section 301.133, cranes, concrete
27 pump trucks, or well-drillers' equipment may be operated on state-maintained roads and highways at
28 any time on any day.

29 8. Notwithstanding the provision of this section to the contrary, the maximum gross vehicle
30 limit and axle weight limit for any vehicle or combination of vehicles equipped with an idle
31 reduction technology may be increased by a quantity necessary to compensate for the additional
32 weight of the idle reduction system as provided for in 23 U.S.C. Section 127, as amended. In no
33 case shall the additional weight increase allowed by this subsection be greater than five hundred
34 fifty pounds. Upon request by an appropriate law enforcement officer, the vehicle operator shall
35 provide proof that the idle reduction technology is fully functional at all times and that the gross
36 weight increase is not used for any purpose other than for the use of idle reduction technology.

37 9. Notwithstanding any provision of this section or any other law to the contrary, the total
38 gross weight of any vehicle or combination of vehicles hauling milk, from a farm to a processing
39 facility or livestock may be as much as, but shall not exceed, eighty-five thousand five hundred
40 pounds while operating on highways other than the interstate highway system. The provisions of
41 this subsection shall not apply to vehicles operated and operating on the Dwight D. Eisenhower
42 System of Interstate and Defense Highways.

43 10. Notwithstanding any provision of this section or any other law to the contrary, any
44 vehicle or combination of vehicles hauling grain or grain coproducts during times of harvest may be
45 as much as, but not exceeding, ten percent over the maximum weight limitation allowable under
46 subsection 3 of this section while operating on highways other than the interstate highway system.
47 The provisions of this subsection shall not apply to vehicles operated and operating on the Dwight
48 D. Eisenhower System of Interstate and Defense Highways.

49 11. Notwithstanding any provision of this section or any other law to the contrary, the

1 commission shall issue emergency utility response permits for the transporting of utility wires or
2 cables, poles, and equipment needed for repair work immediately following a disaster where utility
3 service has been disrupted. Under exigent circumstances, verbal approval of such operation may be
4 made either by the department of transportation motor carrier compliance supervisor or other
5 designated motor carrier services representative. Utility vehicles and equipment used to assist
6 utility companies granted special permits under this subsection may be operated and transported on
7 state-maintained roads and highways at any time on any day. The commission shall promulgate all
8 necessary rules and regulations for the administration of this section. Any rule or portion of a rule,
9 as that term is defined in section 536.010, that is created under the authority delegated in this section
10 shall become effective only if it complies with and is subject to all of the provisions of chapter 536
11 and, if applicable, section 536.028. This section and chapter 536 are nonseverable and if any of the
12 powers vested with the general assembly pursuant to chapter 536 to review, to delay the effective
13 date, or to disapprove and annul a rule are subsequently held unconstitutional, then the grant of
14 rulemaking authority and any rule proposed or adopted after August 28, 2014, shall be invalid and
15 void.

16 12. Notwithstanding any provision of this section to the contrary, emergency vehicles
17 designed to be used under emergency conditions to transport personnel and equipment and to
18 support the suppression of fires and mitigate hazardous situations may have a maximum gross
19 vehicle weight of eighty-six thousand pounds inclusive of twenty-four thousand pounds on a single
20 steering axle; thirty-three thousand five hundred pounds on a single drive axle; sixty-two thousand
21 pounds on a tandem axle; or fifty-two thousand pounds on a tandem rear-drive steer axle; except
22 that, such emergency vehicles shall only operate on the Dwight D. Eisenhower National System of
23 Interstate and Defense Highways.

24 13. Notwithstanding any provision of this section to the contrary, a vehicle operated by an
25 engine fueled primarily by natural gas may operate upon the public highways of this state in excess
26 of the vehicle weight limits set forth in this section by an amount that is equal to the difference
27 between the weight of the vehicle attributable to the natural gas tank and fueling system carried by
28 that vehicle and the weight of a comparable diesel tank and fueling system. In no event shall the
29 maximum gross vehicle weight of the vehicle operating with a natural gas engine exceed eighty-two
30 thousand pounds."; and

31
32 Further amend said bill by amending the title, enacting clause, and intersectional references
33 accordingly.