

SECOND REGULAR SESSION  
[TRULY AGREED TO AND FINALLY PASSED]

# SENATE BILL NO. 683

99TH GENERAL ASSEMBLY

2018

4811S.01T

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## AN ACT

To repeal section 304.180, RSMo, and to enact in lieu thereof one new section relating to transportation of cranes.

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*Be it enacted by the General Assembly of the State of Missouri, as follows:*

Section A. Section 304.180, RSMo, is repealed and one new section  
2 enacted in lieu thereof, to be known as section 304.180, to read as follows:

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

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

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

**EXPLANATION—Matter enclosed in bold-faced brackets [thus] in this bill is not enacted and is intended to be omitted in the law.**

20 in the following table:  
 21 Distance in feet between the  
 22 extremes of any group of two or  
 23 more consecutive axles,  
 24 measured to the nearest foot,  
 25 except where indicated otherwise

| 26 |             | Maximum load in pounds |         |         |         |         |
|----|-------------|------------------------|---------|---------|---------|---------|
| 27 | feet        | 2 axles                | 3 axles | 4 axles | 5 axles | 6 axles |
| 28 | 4           | 34,000                 |         |         |         |         |
| 29 | 5           | 34,000                 |         |         |         |         |
| 30 | 6           | 34,000                 |         |         |         |         |
| 31 | 7           | 34,000                 |         |         |         |         |
| 32 | 8           | 34,000                 | 34,000  |         |         |         |
| 33 | More than 8 | 38,000                 | 42,000  |         |         |         |
| 34 | 9           | 39,000                 | 42,500  |         |         |         |
| 35 | 10          | 40,000                 | 43,500  |         |         |         |
| 36 | 11          | 40,000                 | 44,000  |         |         |         |
| 37 | 12          | 40,000                 | 45,000  | 50,000  |         |         |
| 38 | 13          | 40,000                 | 45,500  | 50,500  |         |         |
| 39 | 14          | 40,000                 | 46,500  | 51,500  |         |         |
| 40 | 15          | 40,000                 | 47,000  | 52,000  |         |         |
| 41 | 16          | 40,000                 | 48,000  | 52,500  | 58,000  |         |
| 42 | 17          | 40,000                 | 48,500  | 53,500  | 58,500  |         |
| 43 | 18          | 40,000                 | 49,500  | 54,000  | 59,000  |         |
| 44 | 19          | 40,000                 | 50,000  | 54,500  | 60,000  |         |
| 45 | 20          | 40,000                 | 51,000  | 55,500  | 60,500  | 66,000  |
| 46 | 21          | 40,000                 | 51,500  | 56,000  | 61,000  | 66,500  |
| 47 | 22          | 40,000                 | 52,500  | 56,500  | 61,500  | 67,000  |
| 48 | 23          | 40,000                 | 53,000  | 57,500  | 62,500  | 68,000  |
| 49 | 24          | 40,000                 | 54,000  | 58,000  | 63,000  | 68,500  |
| 50 | 25          | 40,000                 | 54,500  | 58,500  | 63,500  | 69,000  |
| 51 | 26          | 40,000                 | 55,500  | 59,500  | 64,000  | 69,500  |
| 52 | 27          | 40,000                 | 56,000  | 60,000  | 65,000  | 70,000  |

|    |    |        |        |        |        |        |
|----|----|--------|--------|--------|--------|--------|
| 53 | 28 | 40,000 | 57,000 | 60,500 | 65,500 | 71,000 |
| 54 | 29 | 40,000 | 57,500 | 61,500 | 66,000 | 71,500 |
| 55 | 30 | 40,000 | 58,500 | 62,000 | 66,500 | 72,000 |
| 56 | 31 | 40,000 | 59,000 | 62,500 | 67,500 | 72,500 |
| 57 | 32 | 40,000 | 60,000 | 63,500 | 68,000 | 73,000 |
| 58 | 33 | 40,000 | 60,000 | 64,000 | 68,500 | 74,000 |
| 59 | 34 | 40,000 | 60,000 | 64,500 | 69,000 | 74,500 |
| 60 | 35 | 40,000 | 60,000 | 65,500 | 70,000 | 75,000 |
| 61 | 36 |        | 60,000 | 66,000 | 70,500 | 75,500 |
| 62 | 37 |        | 60,000 | 66,500 | 71,000 | 76,000 |
| 63 | 38 |        | 60,000 | 67,500 | 72,000 | 77,000 |
| 64 | 39 |        | 60,000 | 68,000 | 72,500 | 77,500 |
| 65 | 40 |        | 60,000 | 68,500 | 73,000 | 78,000 |
| 66 | 41 |        | 60,000 | 69,500 | 73,500 | 78,500 |
| 67 | 42 |        | 60,000 | 70,000 | 74,000 | 79,000 |
| 68 | 43 |        | 60,000 | 70,500 | 75,000 | 80,000 |
| 69 | 44 |        | 60,000 | 71,500 | 75,500 | 80,000 |
| 70 | 45 |        | 60,000 | 72,000 | 76,000 | 80,000 |
| 71 | 46 |        | 60,000 | 72,500 | 76,500 | 80,000 |
| 72 | 47 |        | 60,000 | 73,500 | 77,500 | 80,000 |
| 73 | 48 |        | 60,000 | 74,000 | 78,000 | 80,000 |
| 74 | 49 |        | 60,000 | 74,500 | 78,500 | 80,000 |
| 75 | 50 |        | 60,000 | 75,500 | 79,000 | 80,000 |
| 76 | 51 |        | 60,000 | 76,000 | 80,000 | 80,000 |
| 77 | 52 |        | 60,000 | 76,500 | 80,000 | 80,000 |
| 78 | 53 |        | 60,000 | 77,500 | 80,000 | 80,000 |
| 79 | 54 |        | 60,000 | 78,000 | 80,000 | 80,000 |
| 80 | 55 |        | 60,000 | 78,500 | 80,000 | 80,000 |
| 81 | 56 |        | 60,000 | 79,500 | 80,000 | 80,000 |
| 82 | 57 |        | 60,000 | 80,000 | 80,000 | 80,000 |

83 Notwithstanding the above table, two consecutive sets of tandem axles may carry  
84 a gross load of thirty-four thousand pounds each if the overall distance between

85 the first and last axles of such consecutive sets of tandem axles is thirty-six feet  
86 or more.

87 4. Whenever the state highways and transportation commission finds that  
88 any state highway bridge in the state is in such a condition that use of such  
89 bridge by vehicles of the weights specified in subsection 3 of this section will  
90 endanger the bridge, or the users of the bridge, the commission may establish  
91 maximum weight limits and speed limits for vehicles using such bridge. The  
92 governing body of any city or county may grant authority by act or ordinance to  
93 the commission to enact the limitations established in this section on those  
94 roadways within the purview of such city or county. Notice of the weight limits  
95 and speed limits established by the commission shall be given by posting signs  
96 at a conspicuous place at each end of any such bridge.

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

101 6. Notwithstanding the weight limitations contained in this section, any  
102 vehicle or combination of vehicles operating on highways other than the interstate  
103 highway system may exceed single axle, tandem axle and gross weight limitations  
104 in an amount not to exceed two thousand pounds. However, total gross weight  
105 shall not exceed eighty thousand pounds, except as provided in subsections 9, 10,  
106 12, and 13 of this section.

107 7. Notwithstanding any provision of this section to the contrary, the  
108 commission shall issue a single-use special permit, or, upon request of the owner  
109 of the truck or equipment[,] shall issue an annual permit, for the transporting of  
110 any **crane**, concrete pump truck, or well-drillers' equipment. The commission  
111 shall set fees for the issuance of permits **and parameters for the transport**  
112 **of cranes** pursuant to this subsection. Notwithstanding the provisions of section  
113 301.133, concrete pump trucks or well-drillers' equipment may be operated on  
114 state-maintained roads and highways at any time on any day.

115 8. Notwithstanding the provision of this section to the contrary, the  
116 maximum gross vehicle limit and axle weight limit for any vehicle or combination  
117 of vehicles equipped with an idle reduction technology may be increased by a  
118 quantity necessary to compensate for the additional weight of the idle reduction  
119 system as provided for in 23 U.S.C. Section 127, as amended. In no case shall the  
120 additional weight increase allowed by this subsection be greater than five

121 hundred fifty pounds. Upon request by an appropriate law enforcement officer,  
122 the vehicle operator shall provide proof that the idle reduction technology is fully  
123 functional at all times and that the gross weight increase is not used for any  
124 purpose other than for the use of idle reduction technology.

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

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

139 11. Notwithstanding any provision of this section or any other law to the  
140 contrary, the commission shall issue emergency utility response permits for the  
141 transporting of utility wires or cables, poles, and equipment needed for repair  
142 work immediately following a disaster where utility service has been  
143 disrupted. Under exigent circumstances, verbal approval of such operation may  
144 be made either by the department of transportation motor carrier compliance  
145 supervisor or other designated motor carrier services representative. Utility  
146 vehicles and equipment used to assist utility companies granted special permits  
147 under this subsection may be operated and transported on state-maintained roads  
148 and highways at any time on any day. The commission shall promulgate all  
149 necessary rules and regulations for the administration of this section. Any rule  
150 or portion of a rule, as that term is defined in section 536.010, that is created  
151 under the authority delegated in this section shall become effective only if it  
152 complies with and is subject to all of the provisions of chapter 536 and, if  
153 applicable, section 536.028. This section and chapter 536 are nonseverable and  
154 if any of the powers vested with the general assembly pursuant to chapter 536 to  
155 review, to delay the effective date, or to disapprove and annul a rule are  
156 subsequently held unconstitutional, then the grant of rulemaking authority and

157 any rule proposed or adopted after August 28, 2014, shall be invalid and void.

158           12. Notwithstanding any provision of this section to the contrary,  
159 emergency vehicles designed to be used under emergency conditions to transport  
160 personnel and equipment and to mitigate hazardous situations may have a  
161 maximum gross vehicle weight of eighty-six thousand pounds inclusive of  
162 twenty-four thousand pounds on a single steering axle; thirty-three thousand five  
163 hundred pounds on a single drive axle; sixty-two thousand pounds on a tandem  
164 axle; or fifty-two thousand pounds on a tandem rear-drive steer axle.

165           13. Notwithstanding any provision of this section to the contrary, a  
166 vehicle operated by an engine fueled primarily by natural gas may operate upon  
167 the public highways of this state in excess of the vehicle weight limits set forth  
168 in this section by an amount that is equal to the difference between the weight  
169 of the vehicle attributable to the natural gas tank and fueling system carried by  
170 that vehicle and the weight of a comparable diesel tank and fueling system. In  
171 no event shall the maximum gross vehicle weight of the vehicle operating with a  
172 natural gas engine exceed eighty-two thousand pounds.

Bill ✓

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