

REPRINTED

H 3-11-97 Transportation
S 3-25-97 Do Pass

MAR 4 1997
Place On Calendar

HOUSE FILE 416
BY COMMITTEE ON TRANSPORTATION

(SUCCESSOR TO HSB 139)

Passed House, Date 3-11-97 (P.551) Passed Senate, Date 4-9-97 (P.1061)
Vote: Ayes 86 Nays 11 Vote: Ayes 48 Nays 0
Approved May 1, 1997

A BILL FOR

1 An Act relating to regulation of trucks and certain other large
2 motor vehicles, including maximum vehicle weights, defining
3 terms, providing effective dates, and making penalties
4 applicable.

5 BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:
6
7

HOUSE FILE 416

H-1149

- 1 Amend House File 416 as follows:
- 2 1. Page 9, lines 3 and 4, by striking the words
- 3 "the formula under this section which is used for
- 4 travel" and inserting the following: "~~the-formula~~
- 5 ~~under-this-section-which-is-used-for-travel~~ subsection
- 6 4, paragraph "a".

By WELTER of Jones

H-1149 FILED MARCH 10, 1997

adopted 3-11-97 (P.551)

16
17
18
19
20
21
22
23

H E 416

4/6
RECEIVED

1 Section 1. Section 321.1, Code 1997, is amended by adding
2 the following new subsections:

3 NEW SUBSECTION. 15A. "Crane" means a machine for raising,
4 shifting, and lowering heavy weights by means of a projecting
5 swinging arm.

6 NEW SUBSECTION. 63A. "Retractable axle" means an axle
7 designed with the capability of manipulation or adjustment of
8 the weight on the axle by use of a manual device located on
9 the vehicle that is not accessible to the operator of the
10 vehicle during operation. A vehicle or combination of
11 vehicles operating with a retractable axle on a highway in
12 this state shall comply with this subsection on or after July
13 1, 1999.

14 Sec. 2. Section 321.440, subsection 7, Code 1997, is
15 amended to read as follows:

16 7. Been regrooved or recut below the original tread design
17 depth, excepting special tires which have extra under tread
18 rubber and are identified as such, or if a pneumatic tire was
19 originally designed without grooves or tread, ~~the safety~~
20 ~~standards therefor shall be established by the director.~~

21 Sec. 3. Section 321.440, Code 1997, is amended by adding
22 the following new unnumbered paragraph after subsection 7:

23 NEW UNNUMBERED PARAGRAPH. A vehicle equipped with either
24 solid rubber or pneumatic tires shall not be operated where
25 the weight per inch of tire width is greater than five hundred
26 seventy-five pounds per inch of tire width based on the tire
27 width rating, except on a steering axle, in which case six
28 hundred pounds per inch of tire width is permitted based on
29 the tire width rating.

30 Sec. 4. Section 321.456, Code 1997, is amended to read as
31 follows:

32 321.456 HEIGHT OF VEHICLES -- PERMITS -- EXEMPTION.

33 A vehicle unladen or with load shall not exceed a height of
34 thirteen feet, six inches, except by permit as provided in
35 this section. However, a vehicle or combination of vehicles

1 coupled together used exclusively for the transportation of
2 passenger vehicles, light delivery trucks, panel delivery
3 trucks, pickup trucks, or recreational vehicle chassis may
4 operate without a permit provided that the height of the
5 vehicle or vehicles coupled together does not exceed fourteen
6 feet. This section shall not be construed to require any
7 railroad or public authorities to provide sufficient vertical
8 clearance to permit the operation of such vehicle upon the
9 highways of this state. Any damage to highways, highway or
10 railroad structures or underpasses caused by the height of any
11 vehicle provided for by this section shall be borne by the
12 operator or owner of the vehicle. Vehicles unladen or with
13 load exceeding a height of thirteen feet, six inches but not
14 exceeding fourteen feet may be operated with a permit issued
15 by the department or jurisdictional local authorities. The
16 permits shall be issued annually for a fee of twenty-five
17 dollars and subject to rules adopted by the department. The
18 state or a political subdivision shall not be liable for
19 damage to any vehicle or its cargo if changes in vertical
20 clearance of a structure are made subsequent to the issuance
21 of a permit during the term of the permit.

22 Sec. 5. Section 321.463, Code 1997, is amended to read as
23 follows:

24 321.463 MAXIMUM GROSS WEIGHT -- EXCEPTIONS -- PENALTIES.

25 1. An axle may be divided into two or more parts, except
26 that all parts in the same vertical transverse plane shall be
27 considered as one axle.

28 2. The gross weight on any one axle of a vehicle, or of a
29 combination of vehicles, operated on the highways of this
30 state, shall not exceed twenty thousand pounds on an axle
31 equipped with pneumatic tires, and shall not exceed fourteen
32 thousand pounds on an axle equipped with solid rubber tires.
33 The gross weight on any tandem axle of a vehicle, or any
34 combination of vehicles, shall not exceed thirty-four thousand
35 pounds on an axle equipped with pneumatic tires.

1 3. Notwithstanding other provisions of this chapter to the
2 contrary, indivisible loads operating under the permit
3 requirements of sections 321E.7, 321E.8, and 321E.9 shall be
4 allowed a maximum of twenty thousand pounds per axle.

5 A-group-of-two-or-more-consecutive-axes-of-any-vehicle-or
6 combination-of-vehicles, shall-not-carry-a-load-in-pounds-in
7 excess-of-the-overall-gross-weight-determined-by-application
8 of-the-following-formula: $W = 500 - (BN/N - 1 - 12N - 36)$. --W
9 equals-the-overall-gross-weight-on-any-group-of-two-or-more
10 consecutive-axes-to-the-nearest-five-hundred-pounds, B-equals
11 the-distance-in-feet, rounded-to-the-nearest-whole-foot,
12 between-the-extreme-of-any-group-of-two-or-more-consecutive
13 axes, and-N-equals-the-number-of-axes-in-the-group-under
14 consideration. --The-following-are-exceptions-to-application-of
15 the-formula:

16 1. --Two-consecutive-sets-of-tandem-axes-may-carry-a-gross
17 load-of-thirty-four-thousand-pounds-each-providing-the-overall
18 distance-between-the-first-and-last-axes-of-the-consecutive
19 sets-of-tandem-axes-is-thirty-six-feet-or-more.

20 2. --On-highways-not-part-of-the-interstate-system, a
21 vehicle-or-combination-of-vehicles-having:

22 a. --Four-axes-where-the-extreme-axes-are-eighteen-feet
23 apart-may-carry-a-gross-load-of-fifty-three-thousand-pounds.

24 b. --Five-axes-where-the-extreme-axes-are-thirty-two-feet
25 apart-may-carry-a-gross-load-of-sixty-seven-thousand-five
26 hundred-pounds.

27 c. --Six-or-more-axes-where-the-extreme-axes-are-forty-one
28 feet-apart-may-carry-a-gross-load-of-seventy-eight-thousand
29 pounds.

30 For-every-foot-of-distance-between-extreme-axes-less-than-the
31 above-axle-spacings, the-overall-gross-weight-of-the-vehicle
32 or-combination-of-vehicles-shall-be-determined-by-deducting
33 one-thousand-pounds-from-the-gross-loads-specified-in
34 paragraphs-"a",-"b"-and-"c". --All-measurements-between-extreme
35 axes-shall-be-rounded-to-the-nearest-whole-foot.

1 The maximum gross weight shall not exceed eighty thousand
 2 pounds.

3 4. a. The maximum gross weight allowed to be carried on a
 4 vehicle or combination of vehicles on highways which are part
 5 of the interstate system is as follows:

6 MAXIMUM GROSS WEIGHT TABLE
 7 INTERSTATE HIGHWAYS

8 Distance

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

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

30 b. The maximum gross weight allowed to be carried on a
 31 vehicle or combination of vehicles on noninterstate highways
 32 is as follows:

33 NONINTERSTATE HIGHWAYS
 34 MAXIMUM GROSS WEIGHT TABLE

35 Distance

1	in feet	2 Axles	3 Axles	4 Axles	5 Axles	6 Axles	7 Axles
2	<u>4</u>	34,000					
3	<u>5</u>	34,000					
4	<u>6</u>	34,000					
5	<u>7</u>	34,000	34,000				
6	<u>8</u>	34,000	34,000				
7	<u>8'1"</u>	38,000	42,000				
8	<u>9</u>	39,000	42,500				
9	<u>10</u>	40,000	43,500	45,000			
10	<u>11</u>		44,000	46,000			
11	<u>12</u>		45,000	47,000			
12	<u>13</u>		45,500	48,000	48,500		
13	<u>14</u>		46,500	49,000	49,500		
14	<u>15</u>		47,000	50,000	50,500		
15	<u>16</u>		48,000	51,000	51,500		
16	<u>17</u>		48,500	52,000	52,500	54,000	
17	<u>18</u>		49,500	53,000	53,500	55,000	
18	<u>19</u>		50,000	54,500	54,500	56,000	
19	<u>20</u>		51,000	55,500	55,500	57,000	
20	<u>21</u>		51,500	56,000	56,500	58,000	
21	<u>22</u>		52,500	56,500	57,500	59,000	
22	<u>23</u>		53,000	57,500	58,500	60,000	
23	<u>24</u>		54,000	58,000	59,500	61,000	
24	<u>25</u>		54,500	58,500	60,500	62,000	
25	<u>26</u>		55,500	59,500	61,500	63,000	
26	<u>27</u>		56,000	60,000	62,500	64,000	
27	<u>28</u>		57,000	60,500	63,500	65,000	
28	<u>29</u>		57,500	61,500	64,500	66,000	
29	<u>30</u>		58,500	62,000	65,500	67,000	
30	<u>31</u>		59,000	62,500	66,500	68,000	
31	<u>32</u>		60,000	63,500	67,500	69,000	
32	<u>33</u>			64,000	68,500	70,000	
33	<u>34</u>			64,500	69,500	71,000	
34	<u>35</u>			65,500	70,000	72,000	
35	<u>36</u>			68,000	70,500	73,000	

1	37	68,000	71,000	74,000	
2	38	68,000	72,000	75,000	
3	39	68,000	72,500	76,000	
4	40	68,500	73,000	77,000	
5	41	69,500	73,500	78,000	78,000
6	42	70,000	74,000	79,000	79,000
7	43	70,500	75,000	80,000	80,000
8	44	71,500	75,500		
9	45	72,000	76,000		
10	46	72,500	76,500		
11	47	73,500	77,500		
12	48	74,000	78,000		
13	49	74,500	78,500		
14	50	75,500	79,000		
15	51	76,000	80,000		
16	52	76,500			
17	53	77,500			
18	54	78,000			
19	55	78,500			
20	56	79,500			
21	57	80,000			

22 c. The maximum gross weight allowed to be carried on a
 23 livestock or construction vehicle on noninterstate highways is
 24 as follows:

25 NONINTERSTATE HIGHWAYS
 26 MAXIMUM GROSS WEIGHT TABLE
 27 LIVESTOCK OR CONSTRUCTION VEHICLE

28	<u>Distance</u>		
29	<u>in feet</u>	<u>6 Axles</u>	<u>7 Axles</u>
30	44	80,500	80,500
31	45	81,000	81,500
32	46	81,500	82,500
33	47	82,000	83,500
34	48	83,000	84,000
35	49	83,500	85,000

1	<u>50</u>	<u>84,000</u>	<u>86,000</u>
2	<u>51</u>	<u>84,500</u>	<u>87,000</u>
3	<u>52</u>	<u>85,000</u>	<u>88,000</u>
4	<u>53</u>	<u>86,000</u>	<u>88,500</u>
5	<u>54</u>	<u>86,500</u>	<u>89,500</u>
6	<u>55</u>	<u>87,000</u>	<u>90,500</u>
7	<u>56</u>	<u>87,500</u>	<u>91,500</u>
8	<u>57</u>	<u>88,000</u>	<u>92,000</u>
9	<u>58</u>	<u>89,000</u>	<u>93,000</u>
10	<u>59</u>	<u>89,500</u>	<u>94,000</u>
11	<u>60</u>	<u>90,000</u>	<u>95,000</u>
12	<u>61</u>		<u>95,500</u>
13	<u>62</u>		<u>96,000</u>

14 5. The weight on any one axle, including a tandem axle, of
15 a vehicle which is transporting livestock on highways not part
16 of the interstate system may exceed the legal maximum weight
17 given in this chapter providing that the gross weight on any
18 particular group of axles on such vehicle does not exceed the
19 gross weight allowable under this chapter for such groups of
20 axles.

21 6. In addition, the weight on any one axle, including a
22 tandem axle, of a vehicle which is transporting raw materials
23 from a designated borrow site to a construction project or
24 transporting raw materials from a construction project, may
25 exceed the legal maximum weight otherwise allowed under this
26 chapter by ten percent if the gross weight on any particular
27 group of axles on the vehicle does not exceed the gross weight
28 allowed under this chapter for that group of axles. However,
29 if the vehicle exceeds the ten percent tolerance allowed for
30 any one axle or tandem axle under this paragraph the fine to
31 be assessed for the axle or tandem axle shall be computed on
32 the difference between the actual weight and the ten percent
33 tolerance weight allowed for the axle or tandem axle under
34 this paragraph. This paragraph applies only to vehicles
35 operating along a route of travel approved by the department.

1 7. A vehicle or combination of vehicles transporting
 2 materials to or from a construction project or commercial
 3 plant site shall comply with the formula under this section
 4 which is used for travel on highways that are part of the
 5 interstate system. This paragraph applies only to a vehicle
 6 or combination of vehicles operating along a route of travel
 7 approved by the department or appropriate local authority.

8 8. A vehicle designed to tow wrecked or disabled vehicles
 9 shall be exempt from the weight limitations in this section
 10 while the vehicle is towing a wrecked or disabled vehicle.

11 9. a. A person who operates a vehicle in violation of the
 12 provisions of this section, and an owner, or any other person,
 13 employing or otherwise directing the operator of a vehicle,
 14 who requires or knowingly permits the operation of a vehicle
 15 in violation of the provisions of this section shall be fined
 16 according to the following schedule:

17 AXLE, TANDEM AXLE,
 18 AND GROUP OF AXLES
 19 WEIGHT VIOLATIONS

20	<u>Pounds Overloaded</u>	<u>Amount of Fine</u>
21	Up to and including	\$10 plus one-half cent
22	1,000 pounds	per pound
23	Over 1,000 pounds to and	\$15 plus one-half cent
24	including 2,000 pounds	per pound
25	Over 2,000 pounds to and	\$80 plus three cents
26	including 3,000 pounds	per pound
27	Over 3,000 pounds to and	\$100 plus four cents
28	including 4,000 pounds	per pound
29	Over 4,000 pounds to and	\$150 plus five cents
30	including 5,000 pounds	per pound
31	Over 5,000 pounds to and	\$200 plus seven cents
32	including 6,000 pounds	per pound
33	Over 6,000 pounds	\$200 plus ten cents
34		per pound

35 b. Fines for gross weight violations for vehicles or

1 combinations of vehicles shall be assessed at one-half of the
2 fine rate schedule for axle, tandem axle, and groups of axles
3 weight violations.

4 c. Except as otherwise provided, the amount of the fine to
5 be assessed shall be computed on the difference between the
6 actual weight and the maximum legal weight specified in this
7 section by applying the appropriate rate in the preceding
8 schedule for the total amount of overload.

9 d. The schedule of fines may be assessed in addition to
10 any other penalties provided for in this chapter.

11 10. Overloads on axles and tandem axles and overloads on
12 groups of axles or on an entire vehicle or combination of
13 vehicles shall be considered as separate violations of the
14 provisions of this section.

15 11. A person who issues or executes, or causes to be
16 issued or executed, a bill of lading, manifest, or shipping
17 document of any kind which states a false weight of the cargo
18 set forth on such bill, manifest, or document, which is less
19 than the actual weight of the cargo, shall, upon conviction,
20 be guilty of a simple misdemeanor.

21 Sec. 6. Section 321E.7, subsection 1, Code 1997, is
22 amended to read as follows:

23 1. The gross weight on any axle of any vehicle or
24 combination of vehicles traveling under a permit issued in
25 accordance with the provisions of this chapter shall not
26 exceed the maximum axle load prescribed in section 321.463;
27 except that, cranes being temporarily moved on streets, roads,
28 or highways may have a gross weight of twenty-four thousand
29 pounds on any single axle; and construction machinery being
30 temporarily moved on streets, roads, or highways may have a
31 gross weight of thirty-six thousand pounds on any single axle
32 equipped with a minimum size twenty-six point five-inch by
33 twenty-five-inch flotation pneumatic tires and a maximum gross
34 weight of twenty thousand pounds on any single axle equipped
35 with minimum size eighteen-inch by twenty-five-inch flotation

1 pneumatic tires, with the department authorized to adopt rules
2 to permit the use of tire sizes and weights within the minimum
3 and maximum specifications provided in this section, provided
4 that the total gross weight of the vehicle or a combination of
5 vehicles does not exceed a maximum of one hundred twenty-six
6 thousand pounds; and except that a manufacturer of machinery
7 or equipment manufactured or assembled in Iowa may be granted
8 a permit for the movement of such machinery or equipment
9 mounted on pneumatic tires with axle loads exceeding the
10 maximum axle load prescribed in section 321.463 for distances
11 not to exceed twenty-five miles at a speed not greater than
12 twenty miles per hour. The movement of such machinery or
13 equipment shall be over a specified route between the place of
14 assembly or manufacture and a storage area, shipping point,
15 proving ground, experimental area, weighing station, or
16 another manufacturing plant.

17 Sec. 7. Section 321E.8, Code 1997, is amended by adding
18 the following new subsection:

19 NEW SUBSECTION. 1A. Vehicles with indivisible loads
20 having an overall width not to exceed twelve feet five inches
21 or mobile homes, including appurtenances, having an overall
22 width not to exceed twelve feet five inches and an overall
23 length not to exceed one hundred feet zero inches may be moved
24 on highways specified by the permitting authority for
25 unlimited distances if the height of the vehicle and load does
26 not exceed fourteen feet zero inches and the total gross
27 weight of the vehicle does not exceed one hundred thirty six
28 thousand pounds. The vehicle owner or operator shall verify
29 with the permitting authority prior to movement of the load
30 that highway conditions have not changed so as to prohibit
31 movement of the vehicle. Any cost to repair damage to
32 highways or highway structures shall be borne by the owner or
33 operator of the vehicle causing the damage. Permitted
34 vehicles under this subsection shall not be allowed to travel
35 on any portion of the interstate highway system.

1 Sec. 8. Section 321E.9, Code 1997, is amended by adding
2 the following new subsection:

3 NEW SUBSECTION. 4. Cranes, exceeding the maximum gross
4 weight on any axle as prescribed in section 321.463, but not
5 exceeding twenty-four thousand pounds, may be moved in
6 accordance with rules adopted pursuant to chapter 17A.

7 Sec. 9. Section 321E.9A, subsection 1, Code 1997, is
8 amended to read as follows:

9 1. Vehicles with indivisible loads having an overall
10 length not to exceed one hundred twenty feet, an overall width
11 not to exceed ~~eleven~~ sixteen feet, and ~~an overall~~ of any
12 height ~~not-to-exceed-fourteen-feet,-four-inches,~~ may be moved
13 on highways specified by the permitting authority, provided
14 the gross weight on any one axle shall not exceed the maximum
15 prescribed in section 321.463 and the total gross weight is
16 not greater than one hundred fifty-six thousand pounds.

17 Sec. 10. Section 321E.14, unnumbered paragraph 1, Code
18 1997, is amended to read as follows:

19 The department or local authorities issuing permits shall
20 charge a fee of twenty-five dollars for an annual permit
21 issued under section 321E.8, subsection 1, 2, or 3, a fee of
22 one three hundred dollars for an annual permit issued under
23 section 321E.8, subsection 1A, a fee of two hundred dollars
24 for a multi-trip permit, and a fee of ten dollars for a
25 single-trip permit, and shall determine charges for special
26 permits issued pursuant to section 321E.29 by rules adopted
27 pursuant to chapter 17A. Fees for the movement of buildings,
28 parts of buildings, or unusual vehicles or loads may be
29 increased to cover the costs of inspections by the issuing
30 authority. A fee not to exceed two hundred fifty dollars per
31 day or a prorated fraction of that fee per person and car for
32 escort service may be charged when requested or when required
33 under this chapter. Proration of escort fees between state
34 and local authorities when more than one governmental
35 authority provides or is required to provide escort for a

1 movement during the period of a day shall be determined by
2 rule under section 321E.15. The department and local
3 authorities may charge a permit applicant for the cost of
4 trimming trees and removal and replacement of natural
5 obstructions or official signs and signals or other public or
6 private property required to be removed during the movement of
7 a vehicle and load. In addition to the fees provided in this
8 section, the annual fee for a permit for special mobile
9 equipment, as defined in section 321.1, subsection 75,
10 operated pursuant to section 321E.7, subsection 2, with a
11 combined gross weight up to and including eighty thousand
12 pounds shall be twenty-five dollars and for a combined gross
13 weight exceeding eighty thousand pounds, fifty dollars.

14 Sec. 11. EFFECTIVE DATES.

15 1. Section 3 of this Act takes effect July 1, 1999.

16 2. The maximum gross vehicle weight provisions in section
17 321.463, subsection 4, paragraph "c", take effect for vehicles
18 operating on the primary road system on July 1, 1997, and take
19 effect for vehicles operating on the urban and secondary road
20 system on December 31, 1998. However, prior to December 31,
21 1998, routes of travel on the urban and secondary system by
22 vehicles weighing ninety-six thousand pounds may be approved
23 by local authorities.

24 EXPLANATION

25 This bill does the following:

26 1. Code section 321.1 is amended to define a crane as a
27 machine for raising, shifting, and lowering heavy weights by
28 means of a projecting swinging arm. Code section 321.1 is
29 also amended to define retractable axle as an axle designed to
30 be raised or lowered by a manual device which is not
31 accessible to the operator of the vehicle. Retractable axles
32 on vehicles must meet this definition on or after July 1,
33 1999.

34 2. Code section 321.440, regarding restrictions as to tire
35 equipment, is amended to eliminate the requirement that the

1 director of transportation adopt safety standards regarding
2 pneumatic tires designed originally without grooves or tread.
3 Code section 321.440 is also amended, effective July 1, 1999,
4 to prohibit vehicles from operating with tire weights per inch
5 of tire width that are greater than 575 pounds per inch of the
6 width on a nonsteering axle and 600 pounds per inch of tire
7 width on a steering axle based on the tire width rating.

8 3. Code section 321.456, regarding height of vehicles, is
9 amended to provide that vehicles used solely for the hauling
10 of automobiles, light trucks, and recreational vehicle chassis
11 are exempt from the need to get a permit if the load vehicle
12 is 14 feet tall or under.

13 Code section 321.463 is amended to state the maximum
14 allowable vehicle weights for interstate and noninterstate
15 highways in chart form. The maximum weight is also increased
16 to 96,000 pounds for livestock and construction vehicles on
17 noninterstate highways.

18 4. Code section 321E.7, regarding load limits per axle of
19 excessive size and weight vehicles, is amended to provide that
20 cranes may temporarily be moved on streets, roads, or highways
21 with gross weights per axle of up to 24,000 pounds.

22 5. Code section 321E.8, regarding annual permits, is
23 amended to provide that vehicles with loads not more than 12
24 feet five inches in width, 14 feet in height, not greater than
25 100 feet in length, and weighing between 80,000 and 136,000
26 pounds, may be moved unlimited distances on highways specified
27 by the permitting authority, provided that the vehicle owner
28 or operator verifies to the permitting authority before moving
29 the load that road conditions have not changed so as to
30 prohibit the load from being moved. The vehicle owner or
31 operator is also liable for damages done to highways or
32 highway structures from the load. Section 321E.8 is also
33 amended to prohibit these vehicles from traveling on the
34 interstate highway system if the vehicle exceeds 80,000 pounds
35 gross weight.

1 6. Code section 321E.9 is amended to provide that cranes
2 exceeding the maximum gross axle weight allowed in section
3 321.463 but not exceeding 24,000 pounds in axle weight may be
4 moved under a single-trip permit in accordance with rules
5 adopted by the department.

6 7. Code section 321E.9A is amended to provide that
7 vehicles not more than 120 feet in length and 16 feet in
8 width, and of any height, may be moved on highways designated
9 by the permitting authority under a multi-trip permit provided
10 that the total vehicle gross weight is not more than 156,000
11 pounds. Current size limitations are 11 feet in width, 100
12 feet in length, and 14 feet four inches in height, and the
13 weight limitation is determined under section 321E.7.

14 8. Code section 321E.14 is amended to create an annual
15 permit fee for vehicles with gross weights between 80,000 and
16 136,000 pounds of \$300. The fee for all other annual permits
17 remains at \$25. The fee for a multi-trip permit is increased
18 from \$100 to \$200.

19 The increase, to 96,000 pounds, in maximum gross weight for
20 vehicles on the primary road system takes effect July 1, 1997,
21 and takes effect for the urban and secondary road system on
22 December 31, 1998. Prior to that date, local authorities may
23 approve routes of travel for 96,000-pound vehicles on urban
24 and secondary roads.

25
26
27
28
29
30
31
32
33
34
35

**HOUSE FILE 416
FISCAL NOTE**

A fiscal note for **House File 416** is hereby submitted pursuant to Joint Rule 17. Data used in developing this fiscal note is available from the Legislative Fiscal Bureau to members of the Legislature upon request.

House File 416 changes numerous provisions pertaining to the regulation of commercial motor vehicles including size and weight allowances. The Bill also changes the fee for a multi-trip permit from \$100 to \$200 and creates an annual fee of \$300 for vehicles with gross weights between 80,000 and 136,000 pounds.

FISCAL IMPACT

House File 416 will generate additional fee revenue to the Road Use Tax Fund. However, due to lack of sufficient information the amount of additional fee revenue cannot be determined.

SOURCE

Department of Transportation

(LSB 1340HV, DLR)

FILED APRIL 8, 1997

BY DENNIS PROUTY, FISCAL DIRECTOR

5-4-97
5-4/8/97

HOUSE FILE 416
BY COMMITTEE ON TRANSPORTATION

(SUCCESSOR TO HSB 139)

(As Amended and Passed by the House, March 11, 1997)

Passed House, Date 4-16-97 (p. 1266) Passed Senate, Date 4-9-97 (p. 1061)
Vote: Ayes 94 Nays 0 Vote: Ayes 48 Nays 0
Approved May 1, 1997

A BILL FOR

1 An Act relating to regulation of trucks and certain other large
2 motor vehicles, including maximum vehicle weights, defining
3 terms, providing effective dates, and making penalties
4 applicable.

5 BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:

House Amendments _____

- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19
- 20

1 Section 1. Section 321.1, Code 1997, is amended by adding
2 the following new subsections:

3 NEW SUBSECTION. 15A. "Crane" means a machine for raising,
4 shifting, and lowering heavy weights by means of a projecting
5 swinging arm.

6 NEW SUBSECTION. 63A. "Retractable axle" means an axle
7 designed with the capability of manipulation or adjustment of
8 the weight on the axle by use of a manual device located on
9 the vehicle that is not accessible to the operator of the
10 vehicle during operation. A vehicle or combination of
11 vehicles operating with a retractable axle on a highway in
12 this state shall comply with this subsection on or after July
13 1, 1999.

14 Sec. 2. Section 321.440, subsection 7, Code 1997, is
15 amended to read as follows:

16 7. Been regrooved or recut below the original tread design
17 depth, excepting special tires which have extra under tread
18 rubber and are identified as such, or if a pneumatic tire was
19 originally designed without grooves or tread, ~~the safety~~
20 ~~standards therefor shall be established by the director.~~

21 Sec. 3. Section 321.440, Code 1997, is amended by adding
22 the following new unnumbered paragraph after subsection 7:

23 NEW UNNUMBERED PARAGRAPH. A vehicle equipped with either
24 solid rubber or pneumatic tires shall not be operated where
25 the weight per inch of tire width is greater than five hundred
26 seventy-five pounds per inch of tire width based on the tire
27 width rating, except on a steering axle, in which case six
28 hundred pounds per inch of tire width is permitted based on
29 the tire width rating.

30 Sec. 4. Section 321.456, Code 1997, is amended to read as
31 follows:

32 321.456 HEIGHT OF VEHICLES -- PERMITS -- EXEMPTION.

33 A vehicle unladen or with load shall not exceed a height of
34 thirteen feet, six inches, except by permit as provided in
35 this section. However, a vehicle or combination of vehicles

1 coupled together used exclusively for the transportation of
2 passenger vehicles, light delivery trucks, panel delivery
3 trucks, pickup trucks, or recreational vehicle chassis may
4 operate without a permit provided that the height of the
5 vehicle or vehicles coupled together does not exceed fourteen
6 feet. This section shall not be construed to require any
7 railroad or public authorities to provide sufficient vertical
8 clearance to permit the operation of such vehicle upon the
9 highways of this state. Any damage to highways, highway or
10 railroad structures or underpasses caused by the height of any
11 vehicle provided for by this section shall be borne by the
12 operator or owner of the vehicle. Vehicles unladen or with
13 load exceeding a height of thirteen feet, six inches but not
14 exceeding fourteen feet may be operated with a permit issued
15 by the department or jurisdictional local authorities. The
16 permits shall be issued annually for a fee of twenty-five
17 dollars and subject to rules adopted by the department. The
18 state or a political subdivision shall not be liable for
19 damage to any vehicle or its cargo if changes in vertical
20 clearance of a structure are made subsequent to the issuance
21 of a permit during the term of the permit.

22 Sec. 5. Section 321.463, Code 1997, is amended to read as
23 follows:

24 321.463 MAXIMUM GROSS WEIGHT -- EXCEPTIONS -- PENALTIES.

25 1. An axle may be divided into two or more parts, except
26 that all parts in the same vertical transverse plane shall be
27 considered as one axle.

28 2. The gross weight on any one axle of a vehicle, or of a
29 combination of vehicles, operated on the highways of this
30 state, shall not exceed twenty thousand pounds on an axle
31 equipped with pneumatic tires, and shall not exceed fourteen
32 thousand pounds on an axle equipped with solid rubber tires.
33 The gross weight on any tandem axle of a vehicle, or any
34 combination of vehicles, shall not exceed thirty-four thousand
35 pounds on an axle equipped with pneumatic tires.

1 3. Notwithstanding other provisions of this chapter to the
2 contrary, indivisible loads operating under the permit
3 requirements of sections 321E.7, 321E.8, and 321E.9 shall be
4 allowed a maximum of twenty thousand pounds per axle.

5 A-group-of-two-or-more-consecutive-axes-of-any-vehicle-or
6 combination-of-vehicles, shall-not-carry-a-load-in-pounds-in
7 excess-of-the-overall-gross-weight-determined-by-application
8 of-the-following-formula: $W = 500 \left(\frac{LN}{N-1} + 12N + 36 \right)$.--W
9 equals-the-overall-gross-weight-on-any-group-of-two-or-more
10 consecutive-axes-to-the-nearest-five-hundred-pounds,--L-equals
11 the-distance-in-feet, rounded-to-the-nearest-whole-foot,
12 between-the-extreme-of-any-group-of-two-or-more-consecutive
13 axes,--and-N-equals-the-number-of-axes-in-the-group-under
14 consideration.--The-following-are-exceptions-to-application-of
15 the-formula:

16 1.--Two-consecutive-sets-of-tandem-axes-may-carry-a-gross
17 load-of-thirty-four-thousand-pounds-each-providing-the-overall
18 distance-between-the-first-and-last-axes-of-the-consecutive
19 sets-of-tandem-axes-is-thirty-six-feet-or-more.

20 2.--On-highways-not-part-of-the-interstate-system,--a
21 vehicle-or-combination-of-vehicles-having:

22 a.--Four-axes-where-the-extreme-axes-are-eighteen-feet
23 apart-may-carry-a-gross-load-of-fifty-three-thousand-pounds.

24 b.--Five-axes-where-the-extreme-axes-are-thirty-two-feet
25 apart-may-carry-a-gross-load-of-sixty-seven-thousand-five
26 hundred-pounds.

27 c.--Six-or-more-axes-where-the-extreme-axes-are-forty-one
28 feet-apart-may-carry-a-gross-load-of-seventy-eight-thousand
29 pounds.

30 For-every-foot-of-distance-between-extreme-axes-less-than-the
31 above-axle-spacings,--the-overall-gross-weight-of-the-vehicle
32 or-combination-of-vehicles-shall-be-determined-by-deducting
33 one-thousand-pounds-from-the-gross-loads-specified-in
34 paragraphs-"a",--"b"--and-"c".--All-measurements-between-extreme
35 axes-shall-be-rounded-to-the-nearest-whole-foot.

1 The maximum gross weight shall not exceed eighty thousand
2 pounds.

3 4. a. The maximum gross weight allowed to be carried on a
4 vehicle or combination of vehicles on highways which are part
5 of the interstate system is as follows:

6 MAXIMUM GROSS WEIGHT TABLE

7 INTERSTATE HIGHWAYS

8 Distance

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

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

30 b. The maximum gross weight allowed to be carried on a
 31 vehicle or combination of vehicles on noninterstate highways
 32 is as follows:

33 NONINTERSTATE HIGHWAYS
 34 MAXIMUM GROSS WEIGHT TABLE

35 Distance

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

1	37	68,000	71,000	74,000	
2	38	68,000	72,000	75,000	
3	39	68,000	72,500	76,000	
4	40	68,500	73,000	77,000	
5	41	69,500	73,500	78,000	78,000
6	42	70,000	74,000	79,000	79,000
7	43	70,500	75,000	80,000	80,000
8	44	71,500	75,500		
9	45	72,000	76,000		
10	46	72,500	76,500		
11	47	73,500	77,500		
12	48	74,000	78,000		
13	49	74,500	78,500		
14	50	75,500	79,000		
15	51	76,000	80,000		
16	52	76,500			
17	53	77,500			
18	54	78,000			
19	55	78,500			
20	56	79,500			
21	57	80,000			

22 c. The maximum gross weight allowed to be carried on a
 23 livestock or construction vehicle on noninterstate highways is
 24 as follows:

25 NONINTERSTATE HIGHWAYS
 26 MAXIMUM GROSS WEIGHT TABLE
 27 LIVESTOCK OR CONSTRUCTION VEHICLE

28	<u>Distance</u>		
29	<u>in feet</u>	<u>6 Axles</u>	<u>7 Axles</u>
30	44	80,500	80,500
31	45	81,000	81,500
32	46	81,500	82,500
33	47	82,000	83,500
34	48	83,000	84,000
35	49	83,500	85,000

1	<u>50</u>	<u>84,000</u>	<u>86,000</u>
2	<u>51</u>	<u>84,500</u>	<u>87,000</u>
3	<u>52</u>	<u>85,000</u>	<u>88,000</u>
4	<u>53</u>	<u>86,000</u>	<u>88,500</u>
5	<u>54</u>	<u>86,500</u>	<u>89,500</u>
6	<u>55</u>	<u>87,000</u>	<u>90,500</u>
7	<u>56</u>	<u>87,500</u>	<u>91,500</u>
8	<u>57</u>	<u>88,000</u>	<u>92,000</u>
9	<u>58</u>	<u>89,000</u>	<u>93,000</u>
10	<u>59</u>	<u>89,500</u>	<u>94,000</u>
11	<u>60</u>	<u>90,000</u>	<u>95,000</u>
12	<u>61</u>		<u>95,500</u>
13	<u>62</u>		<u>96,000</u>

14 5. The weight on any one axle, including a tandem axle, of
15 a vehicle which is transporting livestock on highways not part
16 of the interstate system may exceed the legal maximum weight
17 given in this chapter providing that the gross weight on any
18 particular group of axles on such vehicle does not exceed the
19 gross weight allowable under this chapter for such groups of
20 axles.

21 6. In addition, the weight on any one axle, including a
22 tandem axle, of a vehicle which is transporting raw materials
23 from a designated borrow site to a construction project or
24 transporting raw materials from a construction project, may
25 exceed the legal maximum weight otherwise allowed under this
26 chapter by ten percent if the gross weight on any particular
27 group of axles on the vehicle does not exceed the gross weight
28 allowed under this chapter for that group of axles. However,
29 if the vehicle exceeds the ten percent tolerance allowed for
30 any one axle or tandem axle under this paragraph the fine to
31 be assessed for the axle or tandem axle shall be computed on
32 the difference between the actual weight and the ten percent
33 tolerance weight allowed for the axle or tandem axle under
34 this paragraph. This paragraph applies only to vehicles
35 operating along a route of travel approved by the department.

1 7. A vehicle or combination of vehicles transporting
2 materials to or from a construction project or commercial
3 plant site shall comply with the-formula-under-this-section
4 which-is-used-for-travel subsection 4, paragraph "a" on
5 highways that are part of the interstate system. This
6 paragraph applies only to a vehicle or combination of vehicles
7 operating along a route of travel approved by the department
8 or appropriate local authority.

9 8. A vehicle designed to tow wrecked or disabled vehicles
10 shall be exempt from the weight limitations in this section
11 while the vehicle is towing a wrecked or disabled vehicle.

12 9. a. A person who operates a vehicle in violation of the
13 provisions of this section, and an owner, or any other person,
14 employing or otherwise directing the operator of a vehicle,
15 who requires or knowingly permits the operation of a vehicle
16 in violation of the provisions of this section shall be fined
17 according to the following schedule:

	AXLE, TANDEM AXLE, AND GROUP OF AXLES WEIGHT VIOLATIONS	
	<u>Pounds Overloaded</u>	<u>Amount of Fine</u>
18		
19		
20		
21		
22	Up to and including	\$10 plus one-half cent
23	1,000 pounds	per pound
24	Over 1,000 pounds to and	\$15 plus one-half cent
25	including 2,000 pounds	per pound
26	Over 2,000 pounds to and	\$80 plus three cents
27	including 3,000 pounds	per pound
28	Over 3,000 pounds to and	\$100 plus four cents
29	including 4,000 pounds	per pound
30	Over 4,000 pounds to and	\$150 plus five cents
31	including 5,000 pounds	per pound
32	Over 5,000 pounds to and	\$200 plus seven cents
33	including 6,000 pounds	per pound
34	Over 6,000 pounds	\$200 plus ten cents
35		per pound

1 b. Fines for gross weight violations for vehicles or
2 combinations of vehicles shall be assessed at one-half of the
3 fine rate schedule for axle, tandem axle, and groups of axles
4 weight violations.

5 c. Except as otherwise provided, the amount of the fine to
6 be assessed shall be computed on the difference between the
7 actual weight and the maximum legal weight specified in this
8 section by applying the appropriate rate in the preceding
9 schedule for the total amount of overload.

10 d. The schedule of fines may be assessed in addition to
11 any other penalties provided for in this chapter.

12 10. Overloads on axles and tandem axles and overloads on
13 groups of axles or on an entire vehicle or combination of
14 vehicles shall be considered as separate violations of the
15 provisions of this section.

16 11. A person who issues or executes, or causes to be
17 issued or executed, a bill of lading, manifest, or shipping
18 document of any kind which states a false weight of the cargo
19 set forth on such bill, manifest, or document, which is less
20 than the actual weight of the cargo, shall, upon conviction,
21 be guilty of a simple misdemeanor.

22 Sec. 6. Section 321E.7, subsection 1, Code 1997, is
23 amended to read as follows:

24 1. The gross weight on any axle of any vehicle or
25 combination of vehicles traveling under a permit issued in
26 accordance with the provisions of this chapter shall not
27 exceed the maximum axle load prescribed in section 321.463;
28 except that, cranes being temporarily moved on streets, roads,
29 or highways may have a gross weight of twenty-four thousand
30 pounds on any single axle; and construction machinery being
31 temporarily moved on streets, roads, or highways may have a
32 gross weight of thirty-six thousand pounds on any single axle
33 equipped with a minimum size twenty-six point five-inch by
34 twenty-five-inch flotation pneumatic tires and a maximum gross
35 weight of twenty thousand pounds on any single axle equipped

1 with minimum size eighteen-inch by twenty-five-inch flotation
2 pneumatic tires, with the department authorized to adopt rules
3 to permit the use of tire sizes and weights within the minimum
4 and maximum specifications provided in this section, provided
5 that the total gross weight of the vehicle or a combination of
6 vehicles does not exceed a maximum of one hundred twenty-six
7 thousand pounds; and except that a manufacturer of machinery
8 or equipment manufactured or assembled in Iowa may be granted
9 a permit for the movement of such machinery or equipment
10 mounted on pneumatic tires with axle loads exceeding the
11 maximum axle load prescribed in section 321.463 for distances
12 not to exceed twenty-five miles at a speed not greater than
13 twenty miles per hour. The movement of such machinery or
14 equipment shall be over a specified route between the place of
15 assembly or manufacture and a storage area, shipping point,
16 proving ground, experimental area, weighing station, or
17 another manufacturing plant.

18 Sec. 7. Section 321E.8, Code 1997, is amended by adding
19 the following new subsection:

20 NEW SUBSECTION. 1A. Vehicles with indivisible loads
21 having an overall width not to exceed twelve feet five inches
22 or mobile homes, including appurtenances, having an overall
23 width not to exceed twelve feet five inches and an overall
24 length not to exceed one hundred feet zero inches may be moved
25 on highways specified by the permitting authority for
26 unlimited distances if the height of the vehicle and load does
27 not exceed fourteen feet zero inches and the total gross
28 weight of the vehicle does not exceed one hundred thirty six
29 thousand pounds. The vehicle owner or operator shall verify
30 with the permitting authority prior to movement of the load
31 that highway conditions have not changed so as to prohibit
32 movement of the vehicle. Any cost to repair damage to
33 highways or highway structures shall be borne by the owner or
34 operator of the vehicle causing the damage. Permitted
35 vehicles under this subsection shall not be allowed to travel

1 on any portion of the interstate highway system.

2 Sec. 8. Section 321E.9, Code 1997, is amended by adding
3 the following new subsection:

4 NEW SUBSECTION. 4. Cranes, exceeding the maximum gross
5 weight on any axle as prescribed in section 321.463, but not
6 exceeding twenty-four thousand pounds, may be moved in
7 accordance with rules adopted pursuant to chapter 17A.

8 Sec. 9. Section 321E.9A, subsection 1, Code 1997, is
9 amended to read as follows:

10 1. Vehicles with indivisible loads having an overall
11 length not to exceed one hundred twenty feet, an overall width
12 not to exceed ~~eleven~~ sixteen feet, and ~~an overall~~ of any
13 height ~~not to exceed fourteen feet, four inches,~~ may be moved
14 on highways specified by the permitting authority, provided
15 the gross weight on any one axle shall not exceed the maximum
16 prescribed in section 321.463 and the total gross weight is
17 not greater than one hundred fifty-six thousand pounds.

18 Sec. 10. Section 321E.14, unnumbered paragraph 1, Code
19 1997, is amended to read as follows:

20 The department or local authorities issuing permits shall
21 charge a fee of twenty-five dollars for an annual permit
22 issued under section 321E.8, subsection 1, 2, or 3, a fee of
23 one three hundred dollars for an annual permit issued under
24 section 321E.8, subsection 1A, a fee of two hundred dollars
25 for a multi-trip permit, and a fee of ten dollars for a
26 single-trip permit, and shall determine charges for special
27 permits issued pursuant to section 321E.29 by rules adopted
28 pursuant to chapter 17A. Fees for the movement of buildings,
29 parts of buildings, or unusual vehicles or loads may be
30 increased to cover the costs of inspections by the issuing
31 authority. A fee not to exceed two hundred fifty dollars per
32 day or a prorated fraction of that fee per person and car for
33 escort service may be charged when requested or when required
34 under this chapter. Proration of escort fees between state
35 and local authorities when more than one governmental

1 authority provides or is required to provide escort for a
 2 movement during the period of a day shall be determined by
 3 rule under section 321E.15. The department and local
 4 authorities may charge a permit applicant for the cost of
 5 trimming trees and removal and replacement of natural
 6 obstructions or official signs and signals or other public or
 7 private property required to be removed during the movement of
 8 a vehicle and load. In addition to the fees provided in this
 9 section, the annual fee for a permit for special mobile
 10 equipment, as defined in section 321.1, subsection 75,
 11 operated pursuant to section 321E.7, subsection 2, with a
 12 combined gross weight up to and including eighty thousand
 13 pounds shall be twenty-five dollars and for a combined gross
 14 weight exceeding eighty thousand pounds, fifty dollars.

15 Sec. 11. EFFECTIVE DATES.

16 1. Section 3 of this Act takes effect July 1, 1999.

17 2. The maximum gross vehicle weight provisions in section
 18 321.463, subsection 4, paragraph "c", take effect for vehicles
 19 operating on the primary road system on July 1, 1997, and take
 20 effect for vehicles operating on the urban and secondary road
 21 system on December 31, 1998. However, prior to December 31,
 22 1998, routes of travel on the urban and secondary system by
 23 vehicles weighing ninety-six thousand pounds may be approved
 24 by local authorities.

25
 26
 27
 28
 29
 30
 31
 32
 33
 34
 35

HOUSE FILE 416

S-3362

1 Amend House File 416, as amended, passed, and
2 reprinted by the House, as follows:

3 1. Page 1, by striking lines 8 through 13 and
4 inserting the following: "the weight on the axle."

5 2. Page 1, line 23, by inserting after the word
6 "vehicle" the following: ", except an implement of
7 husbandry,".

8 3. Page 2, line 35, by inserting after the word
9 "tires." The following: "This subsection does not
10 apply to implements of husbandry."

11 4. Page 9, by striking lines 3 through 8 and
12 inserting the following: "plant site ~~shall comply~~
13 ~~with the formula under this section which is used for~~
14 ~~travel on highways that are part of the interstate~~
15 ~~system. This paragraph applies only to a vehicle or~~
16 ~~combination of vehicles operating along a route of~~
17 travel approved by the department or appropriate local
18 authority shall comply with subsection 4, paragraph
19 "a"."

20 5. Page 10, by inserting after line 21 the
21 following:

22 "Sec. ____ . NEW SECTION. 321.467 RETRACTABLE
23 AXLES.

24 A vehicle which is a model year 1999 or later
25 vehicle shall not operate on a highway of this state
26 with a retractable axle unless the weight on the
27 retractable axle can only be adjusted by means of a
28 manual device located on the vehicle that is not
29 accessible to the operator of the vehicle during
30 operation of the vehicle. However, the controls for
31 raising and lowering the retractable axle may be
32 accessible to the operator of the vehicle while the
33 vehicle is in operation."

34 6. By renumbering as necessary.

By RICHARD F. DRAKE
ALLEN BORLAUG
MATT MCCOY

S-3362 FILED APRIL 3, 1997

Adapted
4-9-97
(p. 1061)

HOUSE FILE 416

S-3187

1 Amend House File 416, as amended, passed, and
 2 reprinted by the House, as follows:
 3 1. Page 9, by striking lines 12 through 17 and
 4 inserting the following:
 5 "9. a. ~~A person who operates~~ The operator of a
 6 vehicle which is in violation of the provisions of
 7 this section, and an owner, or any other person,
 8 employing or otherwise employer, or any other person
 9 directing the operator of a vehicle, who requires or
 10 knowingly permits the operation of a vehicle in
 11 violation of the provisions of this section shall be
 12 fined according to the following schedule:"

13 2. Page 10, by inserting after line 21 the
 14 following:
 15 "Sec. ____ . Section 321.476, unnumbered paragraph
 16 1, Code 1997, is amended to read as follows:
 17 Authority is hereby given to the department to stop
 18 any motor vehicle or trailer on the highways for the
 19 purposes of weighing and inspection, to weigh and
 20 inspect the same, and to enforce the provisions of and
 21 investigate operators, owners, employers, and other
 22 persons directing operators of motor vehicles
 23 suspected of violations of the motor vehicle laws
 24 relating to the registration, size, weight, and load
 25 of motor vehicles and trailers."

26 3. By renumbering as necessary.
 By JIM LIND

S-3187 FILED MARCH 20, 1997

0/0
 4/9/97
 (p. 1061)

SENATE AMENDMENT TO HOUSE FILE 416

H-1648

- 1 Amend House File 416, as amended, passed, and
2 reprinted by the House, as follows:
- 3 1. Page 1, by striking lines 8 through 13 and
4 inserting the following: "the weight on the axle."
5 2. Page 1, line 23, by inserting after the word
6 "vehicle" the following: ", except an implement of
7 husbandry,".
- 8 3. Page 2, line 35, by inserting after the word
9 "tires." The following: "This subsection does not
10 apply to implements of husbandry."
- 11 4. Page 9, by striking lines 3 through 8 and
12 inserting the following: "plant site ~~shall comply~~
13 ~~with the formula under this section which is used for~~
14 ~~travel on highways that are part of the interstate~~
15 ~~system.--This paragraph applies only to a vehicle or~~
16 ~~combination of vehicles operating~~ along a route of
17 travel approved by the department or appropriate local
18 authority shall comply with subsection 4, paragraph
19 "a"."
- 20 5. Page 10, by inserting after line 21 the
21 following:
22 "Sec. ____ . NEW SECTION. 321.467 RETRACTABLE
23 AXLES.
24 A vehicle which is a model year 1999 or later
25 vehicle shall not operate on a highway of this state
26 with a retractable axle unless the weight on the
27 retractable axle can only be adjusted by means of a
28 manual device located on the vehicle that is not
29 accessible to the operator of the vehicle during
30 operation of the vehicle. However, the controls for
31 raising and lowering the retractable axle may be
32 accessible to the operator of the vehicle while the
33 vehicle is in operation."
- 34 6. By renumbering as necessary.

RECEIVED FROM THE SENATE

H-1648 FILED APRIL 9, 1997

House concurred 4/16/97 (p. 1266)

Welter, Ch
Heaton
Chiodo

HB 139

Succeeded By
SF/HF

TRANSPORTATION

SENATE/HOUSE FILE _____

BY (PROPOSED DEPARTMENT OF
TRANSPORTATION BILL)

Passed Senate, Date _____ Passed House, Date _____

Vote: Ayes _____ Nays _____ Vote: Ayes _____ Nays _____

Approved _____

A BILL FOR

1 An Act relating to regulation of trucks and certain other large
2 motor vehicles.

3 BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:

4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24

1 Section 1. Section 321.1, Code 1997, is amended by adding
2 the following new subsections:

3 NEW SUBSECTION. 15A. "Crane" means a machine for raising,
4 shifting, and lowering heavy weights by means of a projecting
5 swinging arm.

6 NEW SUBSECTION. 63A. "Retractable axle" means an axle
7 designed with the capability of manipulation or adjustment of
8 the weight on the axle by use of a manual device located on
9 the vehicle that is not accessible to the operator of the
10 vehicle during operation. A vehicle or combination of
11 vehicles operating with a retractable axle on a highway in
12 this state shall comply with this paragraph on or after July
13 1, 1999.

14 Sec. 2. Section 321.440, subsection 7, Code 1997, is
15 amended to read as follows:

16 7. Been regrooved or recut below the original tread design
17 depth, excepting special tires which have extra under tread
18 rubber and are identified as such, or if a pneumatic tire was
19 originally designed without grooves or tread, ~~the safety~~
20 ~~standards therefor shall be established by the director.~~

21 Sec. 3. Section 321.440, Code 1997, is amended by adding
22 the following new unnumbered paragraph after subsection 7:

23 NEW UNNUMBERED PARAGRAPH. A vehicle equipped with either
24 solid rubber or pneumatic tires shall not be operated where
25 the weight per inch of tire is greater than five hundred
26 seventy-five pounds per inch based on the tire width rating,
27 except on a steering axle, in which case six hundred pounds
28 per square inch is permitted based on the tire width rating.

29 Sec. 4. Section 321.456, Code 1997, is amended to read as
30 follows:

31 321.456 HEIGHT OF VEHICLES -- PERMITS -- EXEMPTION.

32 A vehicle unladen or with load shall not exceed a height of
33 thirteen feet, six inches, except by permit as provided in
34 this section. However, a vehicle or combination of vehicles
35 coupled together used exclusively for the transportation of

1 passenger vehicles, light delivery trucks, panel delivery
2 trucks, pickup trucks, or recreational vehicle chassis may
3 operate without a permit provided that the height of the
4 vehicle or vehicles coupled together does not exceed fourteen
5 feet. This section shall not be construed to require any
6 railroad or public authorities to provide sufficient vertical
7 clearance to permit the operation of such vehicle upon the
8 highways of this state. Any damage to highways, highway or
9 railroad structures or underpasses caused by the height of any
10 vehicle provided for by this section shall be borne by the
11 operator or owner of the vehicle. Vehicles unladen or with
12 load exceeding a height of thirteen feet, six inches but not
13 exceeding fourteen feet may be operated with a permit issued
14 by the department or jurisdictional local authorities. The
15 permits shall be issued annually for a fee of twenty-five
16 dollars and subject to rules adopted by the department. The
17 state or a political subdivision shall not be liable for
18 damage to any vehicle or its cargo if changes in vertical
19 clearance of a structure are made subsequent to the issuance
20 of a permit during the term of the permit.

21 Sec. 5. Section 321.463, Code 1997, is amended to read as
22 follows:

23 321.463 MAXIMUM GROSS WEIGHT -- EXCEPTIONS -- PENALTIES.

24 1. An axle may be divided into two or more parts, except
25 that all parts in the same vertical transverse plane shall be
26 considered as one axle.

27 2. The gross weight on any one axle of a vehicle, or of a
28 combination of vehicles, operated on the highways of this
29 state, shall not exceed twenty thousand pounds on an axle
30 equipped with pneumatic tires, and shall not exceed fourteen
31 thousand pounds on an axle equipped with solid rubber tires.
32 The gross weight on any tandem axle of a vehicle, or any
33 combination of vehicles, shall not exceed thirty-four thousand
pounds on an axle equipped with pneumatic tires.

3. Notwithstanding other provisions of this chapter to the

1 contrary, indivisible loads operating under the permit
2 requirements of sections 321E.7, 321E.8, and 321E.9 shall be
3 allowed a maximum of twenty thousand pounds per axle.

4 A-group-of-two-or-more-consecutive-axes-of-any-vehicle-or
5 combination-of-vehicles, shall-not-carry-a-load-in-pounds-in
6 excess-of-the-overall-gross-weight-determined-by-application
7 of-the-following-formula:-- W -equals- $500 \cdot (LN/N-1 + 12N + 36)$.-- W
8 equals-the-overall-gross-weight-on-any-group-of-two-or-more
9 consecutive-axes-to-the-nearest-five-hundred-pounds, b -equals
10 the-distance-in-feet, rounded-to-the-nearest-whole-foot,
11 between-the-extreme-of-any-group-of-two-or-more-consecutive
12 axes, and N -equals-the-number-of-axes-in-the-group-under
13 consideration.--The-following-are-exceptions-to-application-of
14 the-formula:

15 1.--Two-consecutive-sets-of-tandem-axes-may-carry-a-gross
16 load-of-thirty-four-thousand-pounds-each-providing-the-overall
17 distance-between-the-first-and-last-axes-of-the-consecutive
18 sets-of-tandem-axes-is-thirty-six-feet-or-more.

19 2.--On-highways-not-part-of-the-interstate-system, a
20 vehicle-or-combination-of-vehicles-having:

21 a.--Four-axes-where-the-extreme-axes-are-eighteen-feet
22 apart-may-carry-a-gross-load-of-fifty-three-thousand-pounds.

23 b.--Five-axes-where-the-extreme-axes-are-thirty-two-feet
24 apart-may-carry-a-gross-load-of-sixty-seven-thousand-five
25 hundred-pounds.

26 c.--Six-or-more-axes-where-the-extreme-axes-are-forty-one
27 feet-apart-may-carry-a-gross-load-of-seventy-eight-thousand
28 pounds.

29 For-every-foot-of-distance-between-extreme-axes-less-than-the
30 above-axle-spacings, the-overall-gross-weight-of-the-vehicle
31 or-combination-of-vehicles-shall-be-determined-by-deducting
32 one-thousand-pounds-from-the-gross-loads-specified-in
33 paragraphs-"a",-"b"-and-"c".--All-measurements-between-extreme
34 axes-shall-be-rounded-to-the-nearest-whole-foot.

35 The-maximum-gross-weight-shall-not-exceed-eighty-thousand

1 pounds-

2 4. a. The maximum gross weight allowed to be carried on a
 3 vehicle or combination of vehicles on highways which are part
 4 of the interstate system is as follows:

5 MAXIMUM GROSS WEIGHT TABLE

6 INTERSTATE HIGHWAYS

7 Distance*

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

S.F. _____ H.F. _____

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

29 *Measured between the centers of the extreme axles of any
 30 group of axles and rounded to the nearest whole foot. The
 31 above maximum gross weight table was calculated in accordance
 32 with the following formula: W equals $500 (LN/N-1 + 12N + 36)$.
 33 W equals the overall gross weight on any group of two or more
 34 consecutive axles to the nearest five hundred pounds, L equals
 35 the distance in feet, rounded to the nearest whole foot,

1 between the extreme of any group of two or more consecutive
 2 axles, and N equals the number of axles in the group under
 3 consideration.

4 b. The maximum gross weight allowed to be carried on a
 5 vehicle or combination of vehicles on noninterstate highways
 6 is as follows:

7 NONINTERSTATE HIGHWAYS
 8 MAXIMUM GROSS WEIGHT TABLE

9 Distance

10 in feet	2 Axles	3 Axles	4 Axles	5 Axles	6 Axles	7 Axles
11 4	34,000					
12 5	34,000					
13 6	34,000					
14 7	34,000	34,000				
15 8	34,000	34,000				
16 8'1"	38,000	42,000				
17 9	39,000	42,500				
18 10	40,000	43,500	45,000			
19 11		44,000	46,000			
20 12		45,000	47,000			
21 13		45,500	48,000	48,500		
22 14		46,500	49,000	49,500		
23 15		47,000	50,000	50,500		
24 16		48,000	51,000	51,500		
25 17		48,500	52,000	52,500	54,000	
26 18		49,500	53,000	53,500	55,000	
27 19		50,000	54,500	54,500	56,000	
28 20		51,000	55,500	55,500	57,000	
29 21		51,500	56,000	56,500	58,000	
30 22		52,500	56,500	57,500	59,000	
31 23		53,000	57,500	58,500	60,000	
32 24		54,000	58,000	59,500	61,000	
33 25		54,500	58,500	60,500	62,000	
34 26		55,500	59,500	61,500	63,000	
35 27		56,000	60,000	62,500	64,000	

S.F. _____ H.F. _____

1	28	57,000	60,500	63,500	65,000	
2	29	57,500	61,500	64,500	66,000	
3	30	58,500	62,000	65,500	67,000	
4	31	59,000	62,500	66,500	68,000	
5	32	60,000	63,500	67,500	69,000	
6	33		64,000	68,500	70,000	
7	34		64,500	69,500	71,000	
8	35		65,500	70,000	72,000	
9	36		68,000	70,500	73,000	
10	37		68,000	71,000	74,000	
11	38		68,000	72,000	75,000	
12	39		68,000	72,500	76,000	
13	40		68,500	73,000	77,000	
14	41		69,500	73,500	78,000	78,000
15	42		70,000	74,000	79,000	79,000
16	43		70,500	75,000	80,000	80,000
17	44		71,500	75,500	80,500	80,500
18	45		72,000	76,000	81,000	81,500
19	46		72,500	76,500	81,500	82,500
20	47		73,500	77,500	82,000	83,500
21	48		74,000	78,000	83,000	84,000
22	49		74,500	78,500	83,500	85,000
23	50		75,500	79,000	84,000	86,000
24	51		76,000	80,000	84,500	87,000
25	52		76,500		85,000	88,000
26	53		77,500		86,000	88,500
27	54		78,000		86,500	89,500
28	55		78,500		87,000	90,500
29	56		79,500		87,500	91,500
30	57		80,000		88,000	92,000
31	58					93,000
32	59					94,000
33	60					95,000
34	61					95,500
35	62					96,000

1 5. The weight on any one axle, including a tandem axle, of
2 a vehicle which is transporting livestock on highways not part
3 of the interstate system may exceed the legal maximum weight
4 given in this chapter providing that the gross weight on any
5 particular group of axles on such vehicle does not exceed the
6 gross weight allowable under this chapter for such groups of
7 axles.

8 6. In addition, the weight on any one axle, including a
9 tandem axle, of a vehicle which is transporting raw materials
10 from a designated borrow site to a construction project or
11 transporting raw materials from a construction project, may
12 exceed the legal maximum weight otherwise allowed under this
13 chapter by ten percent if the gross weight on any particular
14 group of axles on the vehicle does not exceed the gross weight
15 allowed under this chapter for that group of axles. However,
16 if the vehicle exceeds the ten percent tolerance allowed for
17 any one axle or tandem axle under this paragraph the fine to
18 be assessed for the axle or tandem axle shall be computed on
19 the difference between the actual weight and the ten percent
20 tolerance weight allowed for the axle or tandem axle under
21 this paragraph. This paragraph applies only to vehicles
22 operating along a route of travel approved by the department.

23 7. A vehicle or combination of vehicles transporting
24 materials to or from a construction project or commercial
25 plant site shall comply with the formula under this section
26 which is used for travel on highways that are part of the
27 interstate system. This paragraph applies only to a vehicle
28 or combination of vehicles operating along a route of travel
29 approved by the department or appropriate local authority.

30 8. A vehicle designed to tow wrecked or disabled vehicles
31 shall be exempt from the weight limitations in this section
32 while the vehicle is towing a wrecked or disabled vehicle.

33 9. a. A person who operates a vehicle in violation of the
provisions of this section, and an owner, or any other person,
employing or otherwise directing the operator of a vehicle,

1 who requires or knowingly permits the operation of a vehicle
2 in violation of the provisions of this section shall be fined
3 according to the following schedule:

4 AXLE, TANDEM AXLE,
5 AND GROUP OF AXLES
6 WEIGHT VIOLATIONS

7	<u>Pounds Overloaded</u>	<u>Amount of Fine</u>
8	Up to and including	\$10 plus one-half cent
9	1,000 pounds	per pound
10	Over 1,000 pounds to and	\$15 plus one-half cent
11	including 2,000 pounds	per pound
12	Over 2,000 pounds to and	\$80 plus three cents
13	including 3,000 pounds	per pound
14	Over 3,000 pounds to and	\$100 plus four cents
15	including 4,000 pounds	per pound
16	Over 4,000 pounds to and	\$150 plus five cents
17	including 5,000 pounds	per pound
18	Over 5,000 pounds to and	\$200 plus seven cents
19	including 6,000 pounds	per pound
20	Over 6,000 pounds	\$200 plus ten cents
21		per pound

22 b. Fines for gross weight violations for vehicles or
23 combinations of vehicles shall be assessed at one-half of the
24 fine rate schedule for axle, tandem axle, and groups of axles
25 weight violations.

26 c. Except as otherwise provided, the amount of the fine to
27 be assessed shall be computed on the difference between the
28 actual weight and the maximum legal weight specified in this
29 section by applying the appropriate rate in the preceding
30 schedule for the total amount of overload.

31 d. The schedule of fines may be assessed in addition to
32 any other penalties provided for in this chapter.

33 10. Overloads on axles and tandem axles and overloads on
34 groups of axles or on an entire vehicle or combination of
35 vehicles shall be considered as separate violations of the

1 provisions of this section.

2 11. A person who issues or executes, or causes to be
3 issued or executed, a bill of lading, manifest, or shipping
4 document of any kind which states a false weight of the cargo
5 set forth on such bill, manifest, or document, which is less
6 than the actual weight of the cargo, shall, upon conviction,
7 be guilty of a simple misdemeanor.

8 Sec. 6. Section 321E.7, subsection 1, Code 1997, is
9 amended to read as follows:

10 1. The gross weight on any axle of any vehicle or
11 combination of vehicles traveling under a permit issued in
12 accordance with the provisions of this chapter shall not
13 exceed the maximum axle load prescribed in section 321.463;
14 except that, cranes being temporarily moved on streets, roads,
15 or highways may have a gross weight of twenty-four thousand
16 pounds on any single axle; and construction machinery being
17 temporarily moved on streets, roads, or highways may have a
18 gross weight of thirty-six thousand pounds on any single axle
19 equipped with a minimum size twenty-six point five-inch by
20 twenty-five-inch flotation pneumatic tires and a maximum gross
21 weight of twenty thousand pounds on any single axle equipped
22 with minimum size eighteen-inch by twenty-five-inch flotation
23 pneumatic tires, with the department authorized to adopt rules
24 to permit the use of tire sizes and weights within the minimum
25 and maximum specifications provided in this section, provided
26 that the total gross weight of the vehicle or a combination of
27 vehicles does not exceed a maximum of one hundred twenty-six
28 thousand pounds; and except that a manufacturer of machinery
29 or equipment manufactured or assembled in Iowa may be granted
30 a permit for the movement of such machinery or equipment
31 mounted on pneumatic tires with axle loads exceeding the
32 maximum axle load prescribed in section 321.463 for distances
33 not to exceed twenty-five miles at a speed not greater than
34 twenty miles per hour. The movement of such machinery or
35 equipment shall be over a specified route between the place of

1 assembly or manufacture and a storage area, shipping point,
2 proving ground, experimental area, weighing station, or
3 another manufacturing plant.

4 Sec. 7. Section 321E.8, subsection 1, Code 1997, is
5 amended to read as follows:

6 1. Vehicles with indivisible loads having an overall width
7 not to exceed twelve feet five inches or mobile homes
8 including appurtenances not to exceed twelve feet five inches
9 and an overall length not to exceed seventy-five one hundred
10 feet zero inches may be moved on highways specified by the
11 permitting authority for unlimited distances. The vehicle and
12 load shall not exceed the height of thirteen-feet-ten fourteen
13 feet zero inches and-the-total-gross-weight-as-prescribed-in
14 section-321.463. The gross weight on any one axle shall not
15 exceed the maximum prescribed in section 321.463, and the
16 total gross weight shall not exceed one hundred thirty-six
17 thousand pounds. The vehicle owner or operator shall verify
18 with the permitting authority prior to movement of the load
19 that highway conditions have not changed so as to prohibit
20 movement of the vehicle. Any cost to repair damage to
21 highways or highway structures shall be borne by the owner or
22 operator of the vehicle causing the damage. Permitted
23 vehicles exceeding a gross weight of eighty thousand pounds
24 shall not be permitted on any portion of the interstate
25 highway system.

26 Sec. 8. Section 321E.9, Code 1997, is amended by adding
27 the following new subsection:

28 NEW SUBSECTION. 4. Cranes, exceeding the maximum gross
29 weight on any axle as prescribed in section 321.463, but not
30 exceeding twenty-four thousand pounds, may be moved in
31 accordance with rules adopted pursuant to chapter 17A.

32 Sec. 9. Section 321E.9A, Code 1997, is amended to read as
33 follows:

34 321E.9A MULTI-TRIP PERMITS.

35 Subject to the discretion and judgment provided for in

1 section 321E.1, a multi-trip permit shall be issued for
2 operation of vehicles, in accordance with the following:

3 1. Vehicles with indivisible loads having an overall
4 length not to exceed one hundred twenty feet, an overall width
5 not to exceed eleven sixteen feet, and an-overall of any
6 height not-to-exceed-fourteen-feet,-four-inches, may be moved
7 on highways specified by the permitting authority, provided
8 the gross weight on any one axle shall not exceed the maximum
9 prescribed in section 321.463 and the total gross weight is
10 not greater than one hundred fifty-six thousand pounds.

11 ~~2.--Vehicles-or-combinations-of-vehicles-consisting-of~~
12 ~~construction-machinery-not-exceeding-the-height,-length,-and~~
13 ~~width-limitations-of-this-section-being-temporarily-moved-on~~
14 ~~highways-with-a-maximum-total-gross-weight-limitation-and-a~~
15 ~~single-axle-weight-limitation-in-accordance-with-section~~
16 ~~321E.7-may-be-moved.~~

17 3. 2. The department shall adopt rules pursuant to chapter
18 17A governing the issuance of permits under this section.

19 Sec. 10. Section 321E.14, unnumbered paragraph 1, Code
20 1997, is amended to read as follows:

21 The department or local authorities issuing permits shall
22 charge a fee of twenty-five five hundred dollars for an annual
23 permit issued under section 321E.8, subsection 1, where the
24 total gross weight is at least eighty thousand pounds but not
25 more than one hundred thirty-six thousand pounds, and twenty-
26 five dollars for all other annual permits, a fee of-one two
27 hundred dollars for a multi-trip permit, and a fee of ten
28 dollars for a single-trip permit, and shall determine charges
29 for special permits issued pursuant to section 321E.29 by
30 rules adopted pursuant to chapter 17A. Fees for the movement
31 of buildings, parts of buildings, or unusual vehicles or loads
32 may be increased to cover the costs of inspections by the
33 issuing authority. A fee not to exceed two hundred fifty
34 dollars per day or a prorated fraction of that fee per person
35 and car for escort service may be charged when requested or

1 when required under this chapter. Proration of escort fees
2 between state and local authorities when more than one
3 governmental authority provides or is required to provide
4 escort for a movement during the period of a day shall be
5 determined by rule under section 321E.15. The department and
6 local authorities may charge a permit applicant for the cost
7 of trimming trees and removal and replacement of natural
8 obstructions or official signs and signals or other public or
9 private property required to be removed during the movement of
10 a vehicle and load. In addition to the fees provided in this
11 section, the annual fee for a permit for special mobile
12 equipment, as defined in section 321.1, subsection 75,
13 operated pursuant to section 321E.7, subsection 2, with a
14 combined gross weight up to and including eighty thousand
15 pounds shall be twenty-five dollars and for a combined gross
16 weight exceeding eighty thousand pounds, fifty dollars.

17 Sec. 11. EFFECTIVE DATES. The maximum gross vehicle
18 weight provisions in section 321.463, subsection 4, paragraph
19 "a", take effect for vehicles operating on the primary road
20 system on July 1, 1997, and take effect for vehicles operating
21 on the urban and secondary road system on December 31, 1998.
22 However, prior to December 31, 1998, routes of travel on the
23 urban and secondary system by vehicles weighing ninety-six
24 thousand pounds may be approved by local authorities.

25 EXPLANATION

26 This bill does the following:

27 1. Code section 321.1 is amended to define a crane as a
28 machine for raising, shifting, and lowering heavy weights by
29 means of a projecting swinging arm.

30 2. Code section 321.440, regarding restrictions as to tire
31 equipment, is amended to eliminate the requirement that the
32 director of transportation adopt safety standards regarding
33 pneumatic tires designed originally without grooves or tread.
34 Code section 321.440 is also amended to prohibit vehicles from
35 operating with tire weights per inch of tire that are greater

1 than 575 pounds per inch on a nonsteering axle and 600 pounds
2 per inch on a steering axle based on the tire width rating.

3 3. Code section 321.456, regarding height of vehicles, is
4 amended to provide that vehicles used solely for the hauling
5 of automobiles, light trucks, and recreational vehicle chassis
6 are exempt from the need to get a permit if the load vehicle
7 is 14 feet tall or under.

8 Code section 321.463 is amended to state the maximum
9 allowable vehicle weights for interstate and noninterstate
10 highways in chart form. The maximum weight is also increased
11 to 96,000 pounds for vehicles on the interstate system.

12 4. Code section 321E.7, regarding load limits per axle of
13 excessive size and weight vehicles, is amended to provide that
14 cranes may temporarily be moved on streets, roads, or highways
15 with gross weights per axle of up to 24,000 pounds.

16 5. Code section 321E.8, regarding annual permits, is
17 amended to provide that vehicles with loads not more than 12
18 feet five inches in width and not greater than 100 feet in
19 length may be moved on highways specified by the permitting
20 authority, provided that the vehicle owner or operator
21 verifies to the permitting authority before moving the load
22 that road conditions have not changed so as to prohibit the
23 load from being moved. The vehicle owner or operator is also
24 liable for damages done to highways or highway structures from
25 the load. Section 321E.8 is also amended to prohibit these
26 vehicles from traveling on the interstate highway system if
27 the vehicle exceeds 80,000 pounds gross weight.

28 6. Code section 321E.9 is amended to provide that cranes
29 exceeding the maximum gross axle weight allowed in section
30 321.463 but not exceeding 24,000 pounds in axle weight may be
31 moved under a single-trip permit in accordance with rules
32 adopted by the department.

33 7. Code section 321E.9A is amended to provide that
vehicles not more than 120 feet in length and 16 feet in width
may be moved on highways designated by the permitting

1 authority under a multi-trip permit provided that the total
2 vehicle gross weight is not more than 156,000 pounds.

3 Subsection 2 of that Code section is stricken. Current size
4 limitations are 11 feet in width, 120 feet in length, and 14
5 feet four inches in height, and the weight limitation is
6 determined under section 321E.7.

7 8. Code section 321E.14 is amended to increase the annual
8 permit fee for vehicles with gross weights between 80,000 and
9 136,000 pounds from \$25 to \$500. The fee for all other annual
10 permits remains at \$25. The fee for a multi-trip permit is
11 increased from \$100 to \$200.

12 The increase, to 96,000 pounds, in maximum gross weight for
13 vehicles on the primary road system takes effect July 1, 1997,
14 and takes effect for the urban and secondary road system on
15 December 31, 1998. Prior to that date, local authorities may
16 approve routes of travel for 96,000-pound vehicles on urban
17 and secondary roads.

18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35

HOUSE FILE 416

AN ACT

RELATING TO REGULATION OF TRUCKS AND CERTAIN OTHER LARGE MOTOR VEHICLES, INCLUDING MAXIMUM VEHICLE WEIGHTS, DEFINING TERMS, PROVIDING EFFECTIVE DATES, AND MAKING PENALTIES APPLICABLE.

BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:

Section 1. Section 321.1, Code 1997, is amended by adding the following new subsections:

NEW SUBSECTION. 15A. "Crane" means a machine for raising, shifting, and lowering heavy weights by means of a projecting swinging arm.

NEW SUBSECTION. 63A. "Retractable axle" means an axle designed with the capability of manipulation or adjustment of the weight on the axle.

Sec. 2. Section 321.440, subsection 7, Code 1997, is amended to read as follows:

7. Been regrooved or recut below the original tread design depth, excepting special tires which have extra under tread rubber and are identified as such, or if a pneumatic tire was originally designed without grooves or tread, ~~the safety standards therefor shall be established by the director.~~

Sec. 3. Section 321.440, Code 1997, is amended by adding the following new unnumbered paragraph after subsection 7:

NEW UNNUMBERED PARAGRAPH. A vehicle, except an implement of husbandry, equipped with either solid rubber or pneumatic tires shall not be operated where the weight per inch of tire width is greater than five hundred seventy-five pounds per

inch of tire width based on the tire width rating, except on a steering axle, in which case six hundred pounds per inch of tire width is permitted based on the tire width rating.

Sec. 4. Section 321.456, Code 1997, is amended to read as follows:

321.456 HEIGHT OF VEHICLES -- PERMITS -- EXEMPTION.

A vehicle unladen or with load shall not exceed a height of thirteen feet, six inches, except by permit as provided in this section. However, a vehicle or combination of vehicles coupled together used exclusively for the transportation of passenger vehicles, light delivery trucks, panel delivery trucks, pickup trucks, or recreational vehicle chassis may operate without a permit provided that the height of the vehicle or vehicles coupled together does not exceed fourteen feet. This section shall not be construed to require any railroad or public authorities to provide sufficient vertical clearance to permit the operation of such vehicle upon the highways of this state. Any damage to highways, highway or railroad structures or underpasses caused by the height of any vehicle provided for by this section shall be borne by the operator or owner of the vehicle. Vehicles unladen or with load exceeding a height of thirteen feet, six inches but not exceeding fourteen feet may be operated with a permit issued by the department or jurisdictional local authorities. The permits shall be issued annually for a fee of twenty-five dollars and subject to rules adopted by the department. The state or a political subdivision shall not be liable for damage to any vehicle or its cargo if changes in vertical clearance of a structure are made subsequent to the issuance of a permit during the term of the permit.

Sec. 5. Section 321.463, Code 1997, is amended to read as follows:

321.463 MAXIMUM GROSS WEIGHT -- EXCEPTIONS -- PENALTIES.

1. An axle may be divided into two or more parts, except that all parts in the same vertical transverse plane shall be considered as one axle.

2. The gross weight on any one axle of a vehicle, or of a combination of vehicles, operated on the highways of this state, shall not exceed twenty thousand pounds on an axle equipped with pneumatic tires, and shall not exceed fourteen thousand pounds on an axle equipped with solid rubber tires. The gross weight on any tandem axle of a vehicle, or any combination of vehicles, shall not exceed thirty-four thousand pounds on an axle equipped with pneumatic tires. This subsection does not apply to implements of husbandry.

3. Notwithstanding other provisions of this chapter to the contrary, indivisible loads operating under the permit requirements of sections 321E.7, 321E.8, and 321E.9 shall be allowed a maximum of twenty thousand pounds per axle.

~~A group of two or more consecutive axles of any vehicle or combination of vehicles, shall not carry a load in pounds in excess of the overall gross weight determined by application of the following formula: $W = 500 \left(\frac{B}{N} + 1 + 12N + 36 \right)$. W equals the overall gross weight on any group of two or more consecutive axles to the nearest five hundred pounds; B equals the distance in feet, rounded to the nearest whole foot, between the extreme of any group of two or more consecutive axles; and N equals the number of axles in the group under consideration. The following are exceptions to application of the formula:~~

~~1. Two consecutive sets of tandem axles may carry a gross load of thirty-four thousand pounds each providing the overall distance between the first and last axles of the consecutive sets of tandem axles is thirty-six feet or more.~~

~~2. On highways not part of the interstate system, a vehicle or combination of vehicles having:~~

~~a. Four axles where the extreme axles are eighteen feet apart may carry a gross load of fifty-three thousand pounds.~~

~~b. Five axles where the extreme axles are thirty-two feet apart may carry a gross load of sixty-seven thousand five hundred pounds.~~

~~c. Six or more axles where the extreme axles are forty-one feet apart may carry a gross load of seventy-eight thousand pounds. For every foot of distance between extreme axles less than the above axle spacings, the overall gross weight of the vehicle or combination of vehicles shall be determined by deducting one thousand pounds from the gross loads specified in paragraphs "a", "b" and "c". All measurements between extreme axles shall be rounded to the nearest whole foot.~~

~~The maximum gross weight shall not exceed eighty thousand pounds.~~

4. a. The maximum gross weight allowed to be carried on a vehicle or combination of vehicles on highways which are part of the interstate system is as follows:

MAXIMUM GROSS WEIGHT TABLE
INTERSTATE HIGHWAYS

<u>Distance</u> <u>in feet</u>	<u>2 Axles</u>	<u>3 Axles</u>	<u>4 Axles</u>	<u>5 Axles</u>	<u>6 Axles</u>	<u>7 Axles</u>
4	34,000					
5	34,000					
6	34,000					
7	34,000	34,000				
8	34,000	34,000				
8'1"	38,000	42,000				
9	39,000	42,500				
10	40,000	43,500	48,500			
11		44,000	49,500			
12		45,000	50,000			
13		45,500	50,500	56,000		
14		46,500	51,500	57,000		
15		47,000	52,000	57,500		
16		48,000	52,500	58,000		
17		48,500	53,500	58,500	64,000	
18		49,500	54,000	59,000	65,000	
19		50,000	54,500	60,000	65,500	
20		51,000	55,500	60,500	66,000	71,500

21	51,500	56,000	61,000	66,500	72,500
22	52,500	56,500	61,500	67,000	73,000
23	53,000	57,500	62,500	68,000	73,500
24	54,000	58,000	63,000	68,500	74,000
25	54,500	58,500	63,500	69,000	74,500
26	55,500	59,500	64,000	69,500	75,000
27	56,000	60,000	65,000	70,000	76,000
28	57,000	60,500	65,500	71,000	76,500
29	57,500	61,500	66,000	71,500	77,000
30	58,500	62,000	66,500	72,000	77,500
31	59,000	62,500	67,500	72,500	78,000
32	60,000	63,500	68,000	73,000	78,500
33		64,000	68,500	74,000	79,500
34		64,500	69,500	74,500	80,000
35		65,500	70,000	75,000	
36		68,000	70,500	75,500	
37		68,000	71,000	76,000	
38		68,000	72,000	77,000	
39		68,000	72,500	77,500	
40		68,500	73,000	78,000	
41		69,500	73,500	78,500	
42		70,000	74,000	79,000	
43		70,500	75,000	80,000	
44		71,500	75,500		
45		72,000	76,000		
46		72,500	76,500		
47		73,500	77,500		
48		74,000	78,000		
49		74,500	78,500		
50		75,500	79,000		
51		76,000	80,000		
52		76,500			
53		77,500			
54		78,000			
55		78,500			

56 _____ 79,500

57 _____ 80,000

b. The maximum gross weight allowed to be carried on a vehicle or combination of vehicles on noninterstate highways is as follows:

NONINTERSTATE HIGHWAYS
MAXIMUM GROSS WEIGHT TABLE

Distance in feet	2 Axles	3 Axles	4 Axles	5 Axles	6 Axles	7 Axles
4	34,000					
5	34,000					
6	34,000					
7	34,000	34,000				
8	34,000	34,000				
8'1"	38,000	42,000				
9	39,000	42,500				
10	40,000	43,500	45,000			
11		44,000	46,000			
12		45,000	47,000			
13		45,500	48,000	48,500		
14		46,500	49,000	49,500		
15		47,000	50,000	50,500		
16		48,000	51,000	51,500		
17		48,500	52,000	52,500	54,000	
18		49,500	53,000	53,500	55,000	
19		50,000	54,500	54,500	56,000	
20		51,000	55,500	55,500	57,000	
21		51,500	56,000	56,500	58,000	
22		52,500	56,500	57,500	59,000	
23		53,000	57,500	58,500	60,000	
24		54,000	58,000	59,500	61,000	
25		54,500	58,500	60,500	62,000	
26		55,500	59,500	61,500	63,000	
27		56,000	60,000	62,500	64,000	
28		57,000	60,500	63,500	65,000	

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

c. The maximum gross weight allowed to be carried on a livestock or construction vehicle on noninterstate highways is as follows:

NONINTERSTATE HIGHWAYS
MAXIMUM GROSS WEIGHT TABLE
LIVESTOCK OR CONSTRUCTION VEHICLE

<u>Distance</u> <u>in feet</u>	<u>6 Axles</u>	<u>7 Axles</u>
44	80,500	80,500
45	81,000	81,500
46	81,500	82,500
47	82,000	83,500
48	83,000	84,000
49	83,500	85,000
50	84,000	86,000
51	84,500	87,000
52	85,000	88,000
53	86,000	88,500
54	86,500	89,500
55	87,000	90,500
56	87,500	91,500
57	88,000	92,000
58	89,000	93,000
59	89,500	94,000
60	90,000	95,000
61		95,500
62		96,000

5. The weight on any one axle, including a tandem axle, of a vehicle which is transporting livestock on highways not part of the interstate system may exceed the legal maximum weight given in this chapter providing that the gross weight on any particular group of axles on such vehicle does not exceed the gross weight allowable under this chapter for such groups of axles.

6. In addition, the weight on any one axle, including a tandem axle, of a vehicle which is transporting raw materials from a designated borrow site to a construction project or transporting raw materials from a construction project, may exceed the legal maximum weight otherwise allowed under this chapter by ten percent if the gross weight on any particular group of axles on the vehicle does not exceed the gross weight

allowed under this chapter for that group of axles. However, if the vehicle exceeds the ten percent tolerance allowed for any one axle or tandem axle under this paragraph the fine to be assessed for the axle or tandem axle shall be computed on the difference between the actual weight and the ten percent tolerance weight allowed for the axle or tandem axle under this paragraph. This paragraph applies only to vehicles operating along a route of travel approved by the department.

7. A vehicle or combination of vehicles transporting materials to or from a construction project or commercial plant site ~~shall comply with the formula under this section which is used for travel on highways that are part of the interstate system. This paragraph applies only to a vehicle or combination of vehicles operating~~ along a route of travel approved by the department or appropriate local authority shall comply with subsection 4, paragraph "a".

8. A vehicle designed to tow wrecked or disabled vehicles shall be exempt from the weight limitations in this section while the vehicle is towing a wrecked or disabled vehicle.

9. a. A person who operates a vehicle in violation of the provisions of this section, and an owner, or any other person, employing or otherwise directing the operator of a vehicle, who requires or knowingly permits the operation of a vehicle in violation of the provisions of this section shall be fined according to the following schedule:

AXLE, TANDEM AXLE,
AND GROUP OF AXLES
WEIGHT VIOLATIONS

Pounds Overloaded	Amount of Fine
Up to and including 1,000 pounds	\$10 plus one-half cent per pound
Over 1,000 pounds to and including 2,000 pounds	\$15 plus one-half cent per pound
Over 2,000 pounds to and including 3,000 pounds	\$80 plus three cents per pound

Over 3,000 pounds to and including 4,000 pounds	\$100 plus four cents per pound
Over 4,000 pounds to and including 5,000 pounds	\$150 plus five cents per pound
Over 5,000 pounds to and including 6,000 pounds	\$200 plus seven cents per pound
Over 6,000 pounds	\$200 plus ten cents per pound

b. Fines for gross weight violations for vehicles or combinations of vehicles shall be assessed at one-half of the fine rate schedule for axle, tandem axle, and groups of axles weight violations.

c. Except as otherwise provided, the amount of the fine to be assessed shall be computed on the difference between the actual weight and the maximum legal weight specified in this section by applying the appropriate rate in the preceding schedule for the total amount of overload.

d. The schedule of fines may be assessed in addition to any other penalties provided for in this chapter.

10. Overloads on axles and tandem axles and overloads on groups of axles or on an entire vehicle or combination of vehicles shall be considered as separate violations of the provisions of this section.

11. A person who issues or executes, or causes to be issued or executed, a bill of lading, manifest, or shipping document of any kind which states a false weight of the cargo set forth on such bill, manifest, or document, which is less than the actual weight of the cargo, shall, upon conviction, be guilty of a simple misdemeanor.

Sec. 6. NEW SECTION. 321.467 RETRACTABLE AXLES.

A vehicle which is a model year 1999 or later vehicle shall not operate on a highway of this state with a retractable axle unless the weight on the retractable axle can only be adjusted by means of a manual device located on the vehicle that is not accessible to the operator of the vehicle during operation of

the vehicle. However, the controls for raising and lowering the retractable axle may be accessible to the operator of the vehicle while the vehicle is in operation.

Sec. 7. Section 321E.7, subsection 1, Code 1997, is amended to read as follows:

1. The gross weight on any axle of any vehicle or combination of vehicles traveling under a permit issued in accordance with the provisions of this chapter shall not exceed the maximum axle load prescribed in section 321.463; except that, cranes being temporarily moved on streets, roads, or highways may have a gross weight of twenty-four thousand pounds on any single axle; and construction machinery being temporarily moved on streets, roads, or highways may have a gross weight of thirty-six thousand pounds on any single axle equipped with a minimum size twenty-six point five-inch by twenty-five-inch flotation pneumatic tires and a maximum gross weight of twenty thousand pounds on any single axle equipped with minimum size eighteen-inch by twenty-five-inch flotation pneumatic tires, with the department authorized to adopt rules to permit the use of tire sizes and weights within the minimum and maximum specifications provided in this section, provided that the total gross weight of the vehicle or a combination of vehicles does not exceed a maximum of one hundred twenty-six thousand pounds; and except that a manufacturer of machinery or equipment manufactured or assembled in Iowa may be granted a permit for the movement of such machinery or equipment mounted on pneumatic tires with axle loads exceeding the maximum axle load prescribed in section 321.463 for distances not to exceed twenty-five miles at a speed not greater than twenty miles per hour. The movement of such machinery or equipment shall be over a specified route between the place of assembly or manufacture and a storage area, shipping point, proving ground, experimental area, weighing station, or another manufacturing plant.

Sec. 8. Section 321E.8, Code 1997, is amended by adding the following new subsection:

NEW SUBSECTION. 1A. Vehicles with indivisible loads having an overall width not to exceed twelve feet five inches or mobile homes, including appurtenances, having an overall width not to exceed twelve feet five inches and an overall length not to exceed one hundred feet zero inches may be moved on highways specified by the permitting authority for unlimited distances if the height of the vehicle and load does not exceed fourteen feet zero inches and the total gross weight of the vehicle does not exceed one hundred thirty-six thousand pounds. The vehicle owner or operator shall verify with the permitting authority prior to movement of the load that highway conditions have not changed so as to prohibit movement of the vehicle. Any cost to repair damage to highways or highway structures shall be borne by the owner or operator of the vehicle causing the damage. Permitted vehicles under this subsection shall not be allowed to travel on any portion of the interstate highway system.

Sec. 9. Section 321E.9, Code 1997, is amended by adding the following new subsection:

NEW SUBSECTION. 4. Cranes, exceeding the maximum gross weight on any axle as prescribed in section 321.463, but not exceeding twenty-four thousand pounds, may be moved in accordance with rules adopted pursuant to chapter 17A.

Sec. 10. Section 321E.9A, subsection 1, Code 1997, is amended to read as follows:

1. Vehicles with indivisible loads having an overall length not to exceed one hundred twenty feet, an overall width not to exceed ~~eleven sixteen~~ feet, and an overall of any height ~~not to exceed fourteen feet, four inches,~~ may be moved on highways specified by the permitting authority, provided the gross weight on any one axle shall not exceed the maximum prescribed in section 321.463 and the total gross weight is not greater than one hundred fifty-six thousand pounds.

Sec. 11. Section 321E.14, unnumbered paragraph 1, Code 1997, is amended to read as follows:

The department or local authorities issuing permits shall charge a fee of twenty-five dollars for an annual permit issued under section 321E.8, subsection 1, 2, or 3, a fee of one three hundred dollars for an annual permit issued under section 321E.8, subsection 1A, a fee of two hundred dollars for a multi-trip permit, and a fee of ten dollars for a single-trip permit, and shall determine charges for special permits issued pursuant to section 321E.29 by rules adopted pursuant to chapter 17A. Fees for the movement of buildings, parts of buildings, or unusual vehicles or loads may be increased to cover the costs of inspections by the issuing authority. A fee not to exceed two hundred fifty dollars per day or a prorated fraction of that fee per person and car for escort service may be charged when requested or when required under this chapter. Proration of escort fees between state and local authorities when more than one governmental authority provides or is required to provide escort for a movement during the period of a day shall be determined by rule under section 321E.15. The department and local authorities may charge a permit applicant for the cost of trimming trees and removal and replacement of natural obstructions or official signs and signals or other public or private property required to be removed during the movement of a vehicle and load. In addition to the fees provided in this section, the annual fee for a permit for special mobile equipment, as defined in section 321.1, subsection 75, operated pursuant to section 321E.7, subsection 2, with a combined gross weight up to and including eighty thousand pounds shall be twenty-five dollars and for a combined gross weight exceeding eighty thousand pounds, fifty dollars.

Sec. 12. EFFECTIVE DATES.

1. Section 3 of this Act takes effect July 1, 1999.

2. The maximum gross vehicle weight provisions in section 321.463, subsection 4, paragraph "c", take effect for vehicles operating on the primary road system on July 1, 1997, and take effect for vehicles operating on the urban and secondary road system on December 31, 1998. However, prior to December 31, 1998, routes of travel on the urban and secondary system by vehicles weighing ninety-six thousand pounds may be approved by local authorities.

RON J. CORBETT
Speaker of the House

MARY E. KRAMER
President of the Senate

I hereby certify that this bill originated in the House and is known as House File 416, Seventy-seventh General Assembly.

ELIZABETH ISAACSON
Chief Clerk of the House

Approved May 1, 1997

TERRY E. BRANSTAD
Governor