
A BILL FOR AN ACT

RELATING TO COMMERCIAL MOTOR VEHICLE WEIGHT LIMITS.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:

1 SECTION 1. Section 291-35, Hawaii Revised Statutes, is
2 amended to read as follows:

3 "§291-35 Gross weight, axle, and wheel loads. No motor
4 vehicle or other power vehicle or combination of those vehicles
5 equipped wholly with pneumatic tires shall be operated or moved
6 upon any public road, street, or highway within the State if the
7 vehicle or combination of vehicles has a total gross weight
8 (including vehicle and load), an axle load, or a wheel load in
9 excess of the limits set forth in this section; provided that
10 the maximum gross weight, axle loads, and wheel loads allowed
11 under this section shall be inapplicable when its application
12 would adversely affect the receipt of federal funds for highway
13 purposes; [~~and~~] provided further that no vehicle or combination
14 of vehicles shall be operated on or moved over any bridge or
15 other highway structure if the total gross weight, including
16 vehicle and load, exceeds the posted maximum gross load
17 limitation for the bridge or other highway structure.



1 (1) The total gross weight, in pounds, imposed on any
 2 public road, street, or highway within the State by
 3 any group of two or more consecutive axles, on a
 4 vehicle or combination of vehicles shall not exceed
 5 the following when the distance between the first and
 6 last axles of the group under consideration is:

7 (A) Forty inches or less, the weight imposed shall
 8 not exceed [~~twenty two thousand five hundred~~
 9 twenty thousand pounds; and

10 (B) More than forty inches but not more than [~~eight~~
 11 feet,] ninety-six inches, the weight imposed
 12 shall not exceed thirty-four thousand pounds.

13 This grouping of two consecutive axles shall be
 14 known as tandem axle.

15 (2) The total gross weight, in pounds, imposed on
 16 [~~interstate highways~~] any public road, street, or
 17 highway within the State by any group of two or more
 18 consecutive axles, on a vehicle or combination of
 19 vehicles shall not exceed that resulting from
 20 application of the formula:

21
$$W = 500 (LN / (N - 1) + 12N + 36)$$



1 when the distance between the first and last axles of
2 the group under consideration is over ~~[eight-feet]~~
3 ninety-six inches and where W = maximum weight

4 in pounds carried on any group of two or more
5 axles computed to the nearest five hundred pounds,

6 L = Distance in feet between the extremes of any
7 group of two or more consecutive axles, to
8 the nearest foot, and

9 N = Number of axles in group under consideration;
10 provided that two consecutive sets of tandem axles may
11 carry a gross load of thirty-four thousand pounds each
12 providing the overall distance between the first and
13 last axles of such consecutive sets of tandem axles is
14 thirty-six feet or more ~~[and provided also]~~; provided
15 further that the overall gross weight does not exceed
16 eighty thousand pounds.

17 ~~[(3) The total gross weight, in pounds, imposed on any~~
18 ~~public road, street, or highway, other than interstate~~
19 ~~highways, within the State by a vehicle or combination~~
20 ~~of vehicles shall not exceed that determined by the~~
21 ~~formula:~~



1 ~~W = 900 (L + 40)~~

2 ~~when the distance between the first and last axles of~~

3 ~~the group under consideration is over eight feet and~~

4 ~~where W = maximum weight in pounds carried on any~~

5 ~~group of two or more axles computed to the nearest~~

6 ~~five hundred pounds and~~

7 ~~L = Distance in feet between the extremes of any~~

8 ~~group of two or more consecutive axles, to~~

9 ~~the nearest foot,~~

10 ~~provided also, that the overall gross weight does not~~

11 ~~exceed eighty eight thousand pounds.~~

12 (4)] (3) No vehicle or combination of vehicles shall be

13 used or operated on any public road, street, or

14 highway within the State:

15 (A) With a load upon any single or tandem axle or

16 combination of axles that exceeds the carrying

17 capacity of the axles specified by the

18 manufacturer; or

19 (B) With a total weight in excess of its designed

20 capacity as indicated by its designed gross

21 vehicle weights or gross combination weights.



1 [~~5~~] (4) The total gross weight imposed upon the public
2 road, street, or highway by any single axle shall not
3 exceed [~~twenty two thousand five hundred~~] twenty
4 thousand pounds. For the purpose of this section,
5 axles placed in the same transverse plane and spaced
6 forty inches or less apart shall be considered as one
7 axle.

8 [~~6~~] (5) The total gross weight imposed upon the public
9 road, street, or highway by any one wheel, either
10 single or dual mounting, shall not exceed [~~11,250~~] ten
11 thousand pounds.

12 [~~7~~] (6) The director of transportation, in the case of
13 state highways, or the county engineer, in the case of
14 county roads and streets, may place and maintain signs
15 to limit the gross weight of a vehicle or combination
16 of vehicles traveling over a bridge or other highway
17 structure in the interest of public safety when it is
18 determined through engineering investigation and
19 analysis that the theoretical load carrying capacity
20 of the bridge or structure is less than the maximum
21 gross vehicular weight allowed by this chapter. In



1 determining the weight limits and in posting the
2 weight limit signs, the director or the county
3 engineer need not comply with rulemaking provisions of
4 chapter 91; provided that if any person objects to the
5 weight limits, the person may object to the rule as
6 provided in chapter 91."

7 SECTION 2. Statutory material to be repealed is bracketed
8 and stricken. New statutory material is underscored.

9 SECTION 3. This Act shall take effect upon its approval.



Report Title:

Commercial Motor Vehicle; Weight Limits

Description:

Requires vehicle weights to be consistent with federal weight limits with respect to legal limits for gross vehicle weight and axle loads traveling on all public roadways. (SD1)

The summary description of legislation appearing on this page is for informational purposes only and is not legislation or evidence of legislative intent.

