

## TABLE OF MAXIMUM ALLOWABLE GROSS LOADINGS

Spacing Between Axles	Normal Loadings when Seasonal Load Limitations are Not in Force		Seasonal Load Limitations (Speed Limit 35 mph)	
	Vehicles Exceeding 80,000 lbs. Gross Weight	+Vehicles 80,000 lbs. (Or under) Bridge Formula Gross Weight	Rigid (25% Reduction) <hr style="border: 1px solid red;"/>	Flexible (35% Reduction) <hr style="border-top: 1px dashed red;"/>
9' or over	18,000 lbs.	20,000 lbs.	13,500 lbs.	11,700 lbs.
3 1/2' or more but less than 9'	13,000 lbs.	N/A	9,750 lbs.	8,450 lbs.
When part of a tandem axle assembly	*16,000 lbs.	34,000 lbs. on tandem	**12,000 lbs.	***10,400 lbs.
When less than 3 1/2'	9,000 lbs.	N/A	6,750 lbs.	5,850 lbs.
Maximum load on any wheel shall not exceed (pounds per inch of tire width)	700 lbs.	700 lbs.	525 lbs.	450 lbs.

+Gross vehicle weight may not exceed 80,000 lbs. or an overall gross weight on any group of consecutive axles equaling:

$$W = 500 \left( \frac{LN}{N-1} + 12N + 36 \right)$$

Where W = maximum weight (in pounds) that can be carried by 2 or more consecutive axles to the nearest 500 lbs., L = distance (in feet) between the outer axles of 2 or more consecutive axles, and N = number of axles in the combination. An exception is granted for a 5-axle vehicle with 2 consecutive sets of tandem axles. That vehicle configuration may carry a gross load of 34,000 lbs. for each tandem if the first and last axles of the consecutive sets of tandem axles are at least 36' apart. However, if the gross vehicle weight exceeds 80,000 lbs., the above formula cannot be used and gross vehicle loading is controlled by Normal and Designated Loading.

A vehicle or combination of vehicles operating within 5 miles of a "Special Designated Highway" must reduce to the axle weights specified in the "Seasonal Load Limits" table above when the route being traveled is under seasonal load limitations.

\*On any legal combination of vehicles, only 1 tandem axle assembly shall be permitted at the gross weight of 16,000 lbs. per axle and no other tandem axle assembly in such combination of vehicles should exceed a gross weight of 13,000 lbs. per axle. On a combination of truck tractor and semi-trailer not having more than 5 axles, 2 tandem axle assemblies shall be permitted at a gross weight of 16,000 lbs. per axle, if there is no other axle within 9' feet of any axle of the assembly.

\*\*On any legal combination of vehicles, only 1 tandem axle assembly shall be permitted at the gross weight of 12,000 lbs. per axle and no other tandem axle assembly in such combination of vehicles shall exceed a gross weight of 9,750 lbs. per axle. On a combination of truck tractor and semi-trailer not having more than 5 axles, 2 consecutive tandem axle assemblies shall be permitted at a gross weight of 12,000 lbs. per axle, if there is no other axle within 9' of any axle of the assembly.

\*\*\*On any legal combination of vehicles, only 1 tandem axle assembly shall be permitted at the gross weight of 10,400 lbs. per axle and no other tandem axle assembly in such combination of vehicles shall exceed a gross weight of 8,450 lbs. per axle. On a combination of truck tractor and semi-trailer not having more than 5 axles, 2 consecutive tandem axle assemblies shall be permitted at a gross weight of 10,400 lbs. per axle, if there is no other axle within 9' of any axle of the assembly.