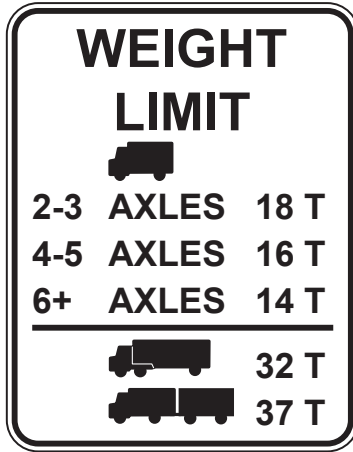


Load Posting Signs and How They Are Used

Bridges require periodic maintenance to remain safe and serviceable, and regular inspections help to identify those elements needing repair or replacement. When a condition is found that may affect the ability of the structure to carry the anticipated loads, a load rating analysis is completed and as a result, traffic crossing the structure may be limited until the condition can be corrected or the bridge is replaced.

Weight limit or load posting signs are used to prevent loads from crossing a bridge that cause stresses above a safe limit. The Wyoming Department of Transportation uses the following signs to limit the weight of vehicles.



Regardless of how much of the total weight of the vehicle is actually on the bridge, the GVW must be equal or less than the limit next to the applicable vehicle. A blank indicates that vehicle is allowed to cross up to the legal GVW for that configuration.

Interpretation of the sign is essential for proper enforcement.

When calculations show the load limit for all truck configurations are the same, the following sign may be used. Regardless of how much of the total weight of a vehicle is actually on the bridge, the GVW must be equal to or less than the limit on the sign.



*** Because every possible vehicle configuration cannot be represented on a sign, the included symbols are used to show easily recognizable vehicles. The number of axles shown on each silhouette should not be interpreted as the only possible configuration for that particular vehicle.*

WYDOT Bridge Program
5300 Bishop Boulevard
Cheyenne, Wyoming 82009-3340
(307) 777-4427 or (307) 777-4489



January 2021



Load Posting Signs How They Are Used

WYOMING
DEPARTMENT
OF TRANSPORTATION 



Single Unit Vehicles

Single unit vehicles are governed by the above silhouette. The maximum Gross Vehicle Weight (GVW) allowed is specified for different axle numbers (i.e. 2-3 Axles, 4-5 Axles, or 6+ Axles).

Examples:



Single Unit Vehicle - 2 axles



Single Unit Vehicle - 4 axles



Single Unit Vehicle - 6 axles



Semi-Trailer Combinations

Semi-Trailer Combinations, regardless of the number of axles, are governed by this silhouette.

Examples:



Semi-Trailer Combination - 5 axles



Semi-Trailer Combination - 6 axles



Semi-Trailer Combination - 7 axles



Truck & Full Trailer Combinations

Truck & Full Trailer Combinations, regardless of the number of axles, are governed by this silhouette.

Examples:



Truck & Full Trailer Combination - 5 axles



Semi-Trailer & Full Trailer Combination - 6 axles

*** Because every possible vehicle configuration cannot be represented on a sign, the included symbols are used to show easily recognizable vehicles. The number of axles shown on each silhouette should not be interpreted as the only possible configuration for that particular vehicle.*