

# Enforcement Options

Officers may elect one or more of the following enforcement options depending on the situation:

- Shifting or redistribution of the load may be required.
- Off-loading may be required in certain situations (e.g. the Interstate system).
- Drivers of overweight vehicles may be cited.
- Cash bonds may be required to insure a court appearance.

**For Questions Contact  
Troop I  
785-296-7189**

$$\frac{LN}{N-1} \text{ Bridge Formula Weights} = 500 \left( \frac{L}{N} + 12N - 36 \right)$$

**This formula limits the weight on groups of axles in order to reduce the risk of damage to highway bridges.**

- W= the maximum weight in pounds that can be carried on a group of two or more axles to the nearest 500 pounds.
- L= the distance in feet between the outer axles of any two or more consecutive axles.
- N= the number of axles being considered.



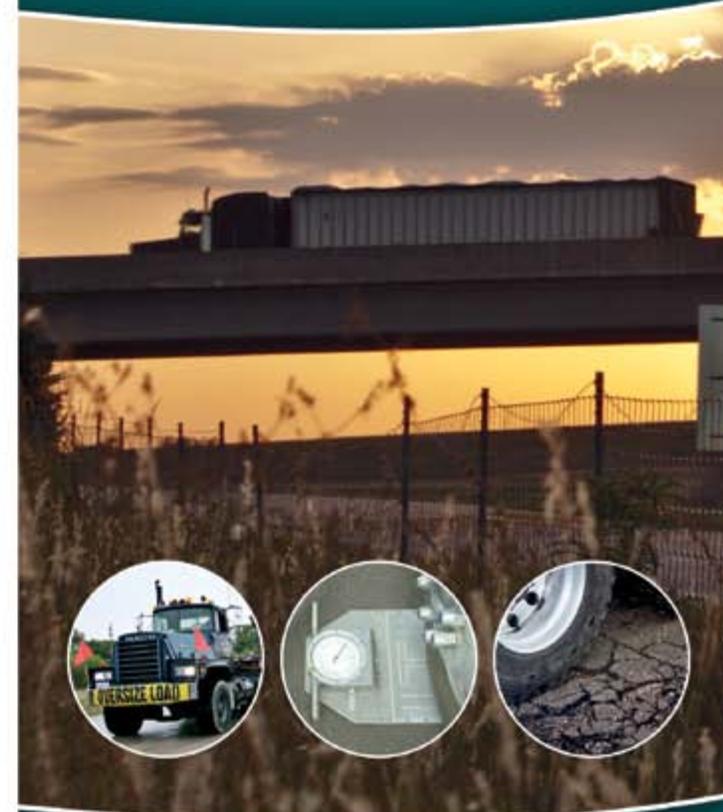
# The Bridge Table

Distance	2 axles	3 axles	4 axles	5 axles	6 axles	7 axles	8 axles
4	34,000						
5	34,000						
6	34,000						
7	34,000						
8 & Less	34,000	34,000					
Over 8	38,000	42,000					
9	39,000	42,500					
10	40,000	43,500					
11		44,000					
12		45,000	50,000				
13		45,500	50,500				
14		46,500	51,500				
15		47,000	52,000				
16		48,000	52,500	58,000			
17		48,500	53,500	58,500			
18		49,500	54,000	59,000			
19		50,000	54,500	60,000			
20		51,000	55,500	60,500	66,000		
21		51,500	56,000	61,000	66,500		
22		52,500	56,500	61,500	67,000		
23		53,000	57,500	62,000	68,000		
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	75,500	
28		57,000	60,500	65,500	71,000	76,500	82,000
29		57,500	61,500	66,000	71,500	77,000	82,500
30		58,500	62,000	66,500	72,000	77,500	83,500
31		59,000	62,500	67,500	72,500	78,000	84,000
32		60,000	63,500	68,000	73,000	78,500	84,500
33			64,000	68,500	74,000	79,000	85,000
34			64,500	69,000	74,500	80,000	85,500
35			65,500	70,000	75,000	80,500	
36			66,000	70,500	75,500	81,000	
37			66,500	71,000	76,000	81,500	
38			67,500	72,000	77,000	82,000	
39			68,000	72,500	77,500	82,500	
40			68,500	73,000	78,000	83,500	
41			69,500	73,500	78,500	84,000	
42			70,000	74,000	79,000	84,500	
43			70,500	75,000	80,000	85,000	
44			71,500	75,500	80,500	85,500	
45			72,000	76,000	81,000		
46			72,500	76,500	81,500		
47			73,500	77,500	82,000		
48			74,000	78,000	83,000		
49			74,500	78,500	83,500		
50			75,500	79,000	84,000		
51			76,000	80,000	84,500		
52			76,500	80,500	85,000		
53			77,500	81,000	85,500		
54			78,000	81,500			
55			78,500	82,500			
56			79,500	83,500			
57				83,500			
58				84,000			
59				84,500			
60				85,500			

\* Two consecutive sets of tandem axles may carry 34,000 pounds each if the overall distance between the first and last axles is 36 feet or more.

- Maximum gross weight allowed on Kansas interstate highways is 80,000 pounds.
- Maximum gross weight allowed elsewhere, without permit, is 85,500 pounds.

# Weight Enforcement In Kansas



**What You Need to Know  
About Kansas Highway Patrol  
Weight Enforcement Policies**



## Why is Weight Enforced?

- Overweight vehicles damage roadways and shorten their life.
- One five-axle truck weighs about the same as 20 automobiles, but its impact on the roadway is the same as 9,600 automobiles.
- An axle weight of 26,000 lbs. is only 30 percent greater than an axle weight of 20,000 lbs., but the effect on the roadway is 200 percent greater.

## Penalties

The following penalties are applicable to a first conviction of any overweight violation:

Pounds Overweight	Fine
Up to 1,000	\$40.00
1,001 to 2,000	0.03 per pound
2,001 to 5,000	0.05 per pound
5,001 to 7,500	0.07 per pound
7,501 and over	0.10 per pound

Second and subsequent convictions result in progressively stiffer penalties.

**Public tax dollars must be utilized to repair premature deterioration of roadways and bridges caused by overweight vehicles.**



## Kansas Size and Weight Laws

- Maximum gross weight in Kansas is 85,500 lbs. (80,000 lbs. on interstate highways.)
- Gross weight is defined as the total weight of the vehicle or vehicles and the load thereon.
- Maximum single axle weight is 20,000 lbs.
- Maximum tandem axle weight is 34,000 lbs.
- The Federal Bridge Formula Chart is used to determine violations of bridge law.
- Maximum legal width is 8.5 feet.
- Maximum height is 14 feet (except vehicles hauling large round bales of hay which is 14.5 feet).
- Kansas registered trucks and truck tractors must carry enough registered gross weight to cover the entire weight of the vehicle and load thereon, as well as the additional weight of any vehicle(s) and load(s) while in combination. [K.S.A. 8-142(7)].

## Kansas Highway Patrol Weight Enforcement Policies

Voluntary compliance with weight laws along with a progressive weight enforcement program are necessary to insure our network of roads and bridges will continue to meet the needs of all Kansans.

### PORTABLE SCALES

- Officers may allow a 5 percent tolerance up to a 1,500 lb. maximum.
- Single Axle- Maximum tolerance is 1,000 lbs.
- Tandem Axle- Maximum tolerance is 1,500 lbs.

### FIXED SCALES

- No tolerance is allowed when using fixed scales.
- These scales are certified to be in error no more than 0.1 percent, and federal requirements dictate that no tolerances be allowed.

