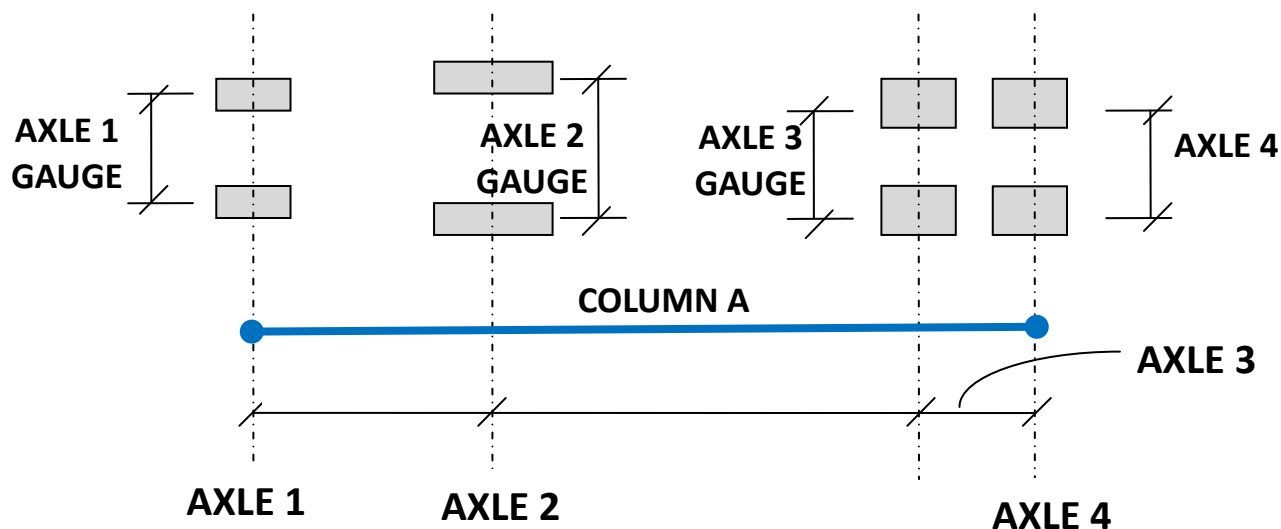


Vehicle Measurements



Measuring: {348.15(5m)}

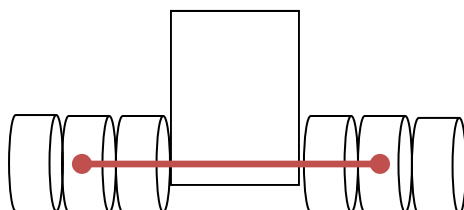
The distance between the foremost and rearmost of a group of axles shall be measured between axle CENTERS to the nearest even foot, and when a fraction is exactly one-half foot, the nearest larger whole number shall be used.
 Example: 50 feet 5 inches = 50 feet; 50 feet 6 inches = 51 feet

Axles must be at least 42 inches apart to qualify as a separate axle and must bear at least 8% of the GVW.

In 348.15(3)(c) single vehicles with 4, 5, 6 axles are already set 15% over the Federal Bridge Formula (FBF).

What is axle gauge?

Axle gauge is the width from center of the right tire or group of tires to center of left tire or group of tires. Axle gauge will be used on the No-Fee Permit. A standard vehicle has an axle gauge of 6 feet. On IoH, axle gauge will vary and wider axle gauges distributing weight across a greater distance which is valuable in reviewing bridges on



Implement of Husbandry / Ag CMV Maximum Weigh Limit Table [348.15 (3) (g)]

A - Distance in feet between foremost and rearmost axles of a group*	B - 2 axles of a vehicle or combination of vehicles	C - 3 axles of a vehicle or combination of vehicles	D - 4 axles of a vehicle or combination of vehicles	E - 5 axles of a vehicle or combination of vehicles	F - 6 axles of a vehicle or combination of vehicles	G - 7 Axles of a vehicle or combination of vehicles	H - 8 Axles of a vehicle or combination of vehicles
4	39,500						
5	40,500						
6	41,500						
7	43,000	47,500					
8	44,000	48,500					
9	45,000	49,500					
10	46,000	50,500	56,000				
11		51,000	57,000				
12		52,000	57,500				
13		53,000	58,500				
14		53,500	59,500	65,500			
15		54,500	60,000	66,000			
16		55,500	61,000	67,000			
17		56,500	61,500	67,500	74,000		
18		57,000	62,500	68,500	75,000		
19		58,000	63,000	69,000	75,500		
20		59,000	64,000	70,000	76,000		
21		60,000	64,500	70,500	77,000	83,500	
22		60,500	65,500	71,500	77,500	84,000	
23		61,500	66,000	72,000	78,000	84,500	
24		62,500	67,000	72,500	79,000	85,500	92,000
25		63,000	67,500	73,500	79,500	86,000	
26		64,000	68,500	74,000	80,500	86,500	
27		65,000	69,000	75,000	81,000	87,500	
28		66,000	70,000	75,500	81,500	88,000	
29		66,700	71,000	76,500	82,500	88,500	
30		67,275	71,500	77,000	83,000	89,500	
31		68,425	72,500	77,500	83,500	90,000	
32		69,000	73,000	78,500	84,500	90,500	
33			74,000	79,000	85,000	91,500	
34			74,500	80,000	86,000	92,000	
35			75,500	80,500	86,500		
36			76,000	81,500	87,000		
37			77,000	82,000	88,000		
38			77,500	83,000	88,500		
39			78,000	83,500	89,500		
40			79,000	84,000	90,000		
41			80,000	85,000	90,500		
42			80,500	85,500	91,500		
43			81,500	86,500	92,000		
44			82,500	87,000	86,825		
45			83,000	88,000	87,400		
46			84,000	88,500	88,550		
47			84,500	89,000	89,125		
48			85,500	90,000	89,700		
49			86,000	90,500	90,275		
50			87,000	91,500	91,425		
51			87,500	92,000	92,000		
52			88,500				
53			89,000				
54			90,000				
55			90,500				
56			91,500				
57			92,000				