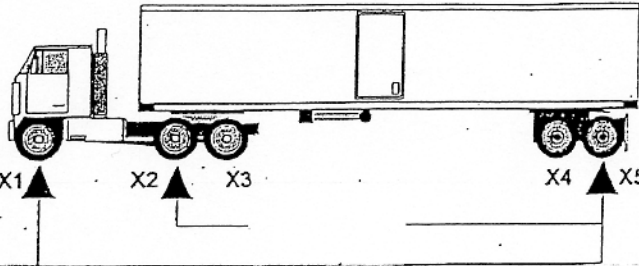




CALIFORNIA HIGHWAY PATROL BRIDGE WEIGHT LAW

OLD LAW

DISTANCE FROM
FIRST TO LAST AXLE
(35551.5 V.C.)



4	32,000		
5	32,000		
6	32,200		
7	32,900		
8	33,600		
9	34,300		
10	35,000		
11	35,700		
12	36,400		
13	37,100		
14	43,200	STEERING	20,000 LBS.
15	44,000		OR TIRE RATING,
16	44,800	12,500 LBS. LEGAL	WHICHEVER IS LESS
17	45,600		
18	46,400	OVER	
19	47,200		
20	48,000		
21	48,800		
22	49,600	TANDEM (#2 & #3)	
23	50,400		
24	51,200	32,000 LBS. LEGAL	34,000 LBS.
25	55,250		
26	56,100	OVER	
27	56,950		
28	57,800		
29	58,650	TANDEM (#4 & #5)	
30	59,500		
31	60,350	32,000 LBS. LEGAL	34,000 LBS.
32	61,200		
33	62,050	OVER	
34	62,900		
35	63,750		
36	64,600		
37	65,450	BRIDGE (#2 THRU #5)	
38	66,300		
39	68,000	DOES NOT LEGAL	
40	70,000	APPLY OVER	
41	72,000		
42	73,280		
43	73,280	GROSS	
44	73,280		
45	73,280	LEGAL	
46	73,280		
47	73,280	OVER	
48	73,280		
49	73,280		
50	73,280		
51	73,280		
52	73,600		
53	74,400		
54	76,200		
55	76,000		
56	76,800		

* UNDER "NEW LAW", A BRIDGE MEASUREMENT OF 35'6" ALLOWS 68,000 LBS. ON 4 CONSECUTIVE AXLES WITH 34,000 LBS. ON EACH GROUP.

* ROUND OFF ALL MEASUREMENTS TO THE NEAREST FOOT.
(34'4" = 34' AND 35'6" = 36')

NEW LAW

DISTANCE IN FEET BETWEEN THE
EXTREMES OF ANY GROUP OF 2 OR MORE AXLES
(35551 (A) V.C.)

	2 AXLES	3 AXLES	4 AXLES	5 AXLES	6 AXLES
4	34,000	34,000	34,000	34,000	34,000
5	34,000	34,000	34,000	34,000	34,000
6	34,000	34,000	34,000	34,000	34,000
7	34,000	34,000	34,000	34,000	34,000
8	34,000	34,000	34,000	34,000	34,000
9	39,000	42,500	42,500	42,500	42,500
10	40,000	43,500	43,500	43,500	43,500
11	40,000	44,000	44,000	44,000	44,000
12	40,000	45,000	50,000	50,000	50,000
13	40,000	45,500	50,500	50,500	50,500
14	40,000	46,500	51,500	51,500	51,500
15	40,000	47,000	52,000	52,000	52,000
16	40,000	48,000	52,500	52,500	52,500
17	40,000	48,500	53,500	53,500	53,500
18	40,000	49,500	54,000	54,000	54,000
19	40,000	50,000	54,500	54,500	54,500
20	40,000	51,000	55,500	55,500	55,500
21	40,000	51,500	56,000	56,000	56,000
22	40,000	52,500	56,500	56,500	56,500
23	40,000	53,000	57,500	57,500	57,500
24	40,000	54,000	58,000	58,000	58,000
25	40,000	54,500	58,500	58,500	58,500
26	40,000	55,500	59,500	59,500	59,500
27	40,000	56,000	60,000	60,000	60,000
28	40,000	57,000	60,500	60,500	60,500
29	40,000	57,500	61,500	61,500	61,500
30	40,000	58,500	62,000	62,000	62,000
31	40,000	59,000	62,500	62,500	62,500
32	40,000	60,000	63,500	63,500	63,500
33	40,000	60,000	64,000	64,000	64,000
34	40,000	60,000	64,500	64,500	64,500
35	40,000	60,000	65,500	65,500	65,500
36	40,000	60,000	66,000	66,000	66,000
37	40,000	60,000	66,500	66,500	66,500
38	40,000	60,000	67,500	67,500	67,500
39	40,000	60,000	68,000	68,000	68,000
40	40,000	60,000	68,500	70,000	70,000
41	40,000	60,000	69,500	72,000	72,000
42	40,000	60,000	70,000	73,280	73,280
43	40,000	60,000	70,500	73,280	73,280
44	40,000	60,000	71,500	73,280	73,280
45	40,000	60,000	72,000	76,000	80,000
46	40,000	60,000	72,500	76,500	80,000
47	40,000	60,000	73,500	77,500	80,000
48	40,000	60,000	74,000	78,000	80,000
49	40,000	60,000	74,500	78,500	80,000
50	40,000	60,000	75,500	79,000	80,000
51	40,000	60,000	76,000	80,000	80,000
52	40,000	60,000	76,500	80,000	80,000
53	40,000	60,000	77,500	80,000	80,000
54	40,000	60,000	78,000	80,000	80,000
55	40,000	60,000	78,500	80,000	80,000
56	40,000	60,000	79,500	80,000	80,000
57	40,000	60,000	80,000	80,000	80,000
58	40,000	60,000	80,000	80,000	80,000
59	40,000	60,000	80,000	80,000	80,000
60	40,000	60,000	80,000	80,000	80,000

California

Size and Weight Limits

All Highways

Width: 102 in.

Height: 14 ft

Length:

Straight Trucks 40 ft

Truck-trailer 65 ft

Other Truck Combinations:

Type	Which Highways Can Be Used	Combination Length	Conditions to Which Combination Length Applies
Tractor-semis (Tractor is defined as a non-load carrying vehicle.)	Federally designated highway system plus all other highways, streets and roads except where sign posted to restrict operations by ordinance	65 ft	<ul style="list-style-type: none"> - Semitrailer can be of any length (can exceed 48 feet) - Kingpin to centerline of rearmost semitrailer axle dimension is limited to 40 ft for trailers with two or more axles; single axle semitrailer kingpin dimension is limited to 38 ft.
	Federally designated highway system plus access as defined by the law	Unlimited	<ul style="list-style-type: none"> - Semitrailer can be no longer than 48 ft - Kingpin to centerline of rear semitrailer axle is unrestricted or - Semitrailer can be no longer than 53 ft - Kingpin to centerline of rearmost axle for trailers with two or more axles is limited to 40 ft, single rear axle is limited to 38 ft
Doubles	Federally designated highway system plus all other highways, streets and roads except where operation on local roads is restricted by ordinance or resolution	65 ft	<ul style="list-style-type: none"> - Either the semitrailer or trailer can exceed 28 ft 6 in. in length - may use a sliding drawbar to extend to 67 ft 6 in. max.
	Federally designated	75 ft	<ul style="list-style-type: none"> - Neither the semitrailer nor

	highway system plus all other highways, streets and roads except where operation on local roads is restricted by ordinance or resolution		trailer can exceed 28 ft 6 in. in length - May use a sliding drawbar to extend to 77 ft 6 in. max when traveling 35 mph on any highway, except a freeway. - When the length exceeds 75 ft, the load must be confined within the exterior dimensions of the vehicle.
	Federally designated highway system plus access as defined by the law	Unlimited	- Neither the semitrailer nor trailer can exceed 28 ft 6 in. in length

All Highways

Auto-transporter combination

- 70 ft if kingpin of stinger-steered semitrailer is at least 3 ft behind rear drive axle of motor truck; the load upon the rear vehicle of the vehicle combination shall not extend more than 6 ft 6 in. beyond the allowable length of the vehicle.
- 75 ft for same combination if distance from steering axle to rear drive axle does not exceed 24 ft, kingpin is at least 5 ft behind rear drive axle of motor truck, and the distance from kingpin to rear axle of semitrailer does not exceed 34 ft (36 ft to the rear axle of a triple-axle semitrailer).

Weight:

- Single axle 20,000 lb
- Tandem axle 34,000 lb
- Steering axle 12,500 lb (there are various exceptions to this rule)
- Load per inch width of tire 620 lb per lateral inch of tire width

-or-

- Gross wheel weight One wheel, or wheels, supporting one end of an axle shall not exceed 10,500 lb.
- Gross vehicle weight 80,000 lb
- *Tolerances Platform scales: 200 lb
 Portable scales: 2% of the scale weight. If the measurement variation factor is not an even hundred pounds, it shall be rounded off to the next higher hundred-pound increment.

Exception: Bus The gross weight on any one axle of a bus shall not exceed 20,500 lb.

*When a maximum has been established, there is no maximum tolerance.

NOTE: There is a weight exception that states that the gross weight on any one axle of a bus shall not exceed 20,500 lb.

FEDERAL BRIDGE FORMULA: Modified by California Vehicle Code Section 35551. Except as otherwise provided in this section or Section 35551.5, the total gross weight in pounds imposed on the highway by any group of two or more consecutive axles shall not exceed that given for the respective distance in the following table:

GROSS WEIGHT TABLE**

Distance in
feet*
between the
extremes of
any group
of 2 or more
consecutive

Maximum load in pounds on all the axles

Axles	2 axles	3 axles	4 axles	5 axles	6 axles
4	34,000				
5	34,000				
6	34,000				
7	34,000				
8	34,000				
9	39,000	42,500			
10	40,000	43,500			
11	40,000	44,000			
12	40,000	45,000	50,000		
13	40,000	45,500	50,500		
14	40,000	46,500	51,500		
15	40,000	47,000	52,000		
16	40,000	48,000	52,500	52,500	
17	40,000	48,500	53,500	53,500	
18	40,000	49,500	54,000	54,000	
19	40,000	50,000	54,500	54,500	
20	40,000	51,000	55,500	55,500	55,500
21	40,000	51,500	56,000	56,000	56,000
22	40,000	52,500	56,500	56,500	56,500
23	40,000	53,000	57,500	57,500	57,500
24	40,000	54,000	58,000	58,000	58,000
25	40,000	54,500	58,500	58,500	58,500
26	40,000	55,500	59,500	59,500	59,500
27	40,000	56,000	60,000	60,000	60,000
28	40,000	57,000	60,500	60,500	60,500
29	40,000	57,500	61,500	61,500	61,500
30	40,000	58,500	62,000	62,000	62,000
31	40,000	59,000	62,500	62,500	62,500
32	40,000	60,000	63,500	63,500	63,500
33	40,000	60,000	64,000	64,000	64,000
34	40,000	60,000	64,500	64,500	64,500
35	40,000	60,000	65,500	65,500	65,500
36	40,000	60,000	66,000**	66,000	66,000
37	40,000	60,000	66,500**	66,500	66,500
38	40,000	60,000	67,500**	67,500	67,500
39	40,000	60,000	68,000	68,000	68,000
40	40,000	60,000	68,500	70,000	70,000
41	40,000	60,000	69,500	72,000	72,000
42	40,000	60,000	70,000	73,280	73,280
43	40,000	60,000	70,500	73,280	73,280
44	40,000	60,000	71,500	73,280	73,280
45	40,000	60,000	72,000	76,000	80,000
46	40,000	60,000	72,500	76,500	80,000
47	40,000	60,000	73,500	77,500	80,000
48	40,000	60,000	74,000	78,000	80,000

49	40,000	60,000	74,500	78,500	80,000
50	40,000	60,000	75,500	79,000	80,000
51	40,000	60,000	76,000	80,000	80,000
52	40,000	60,000	76,500	80,000	80,000
53	40,000	60,000	77,500	80,000	80,000
54	40,000	60,000	78,000	80,000	80,000
55	40,000	60,000	78,500	80,000	80,000
56	40,000	60,000	79,500	80,000	80,000
57	40,000	60,000	80,000	80,000	80,000
58	40,000	60,000	80,000	80,000	80,000
59	40,000	60,000	80,000	80,000	80,000
60	40,000	60,000	80,000	80,000	80,000

*Distance between axles should be measured to the nearest whole foot. When a fraction of a foot is exactly 6 in., the next larger whole foot is to be used.

**Two consecutive sets of tandem axles may carry a gross load of 34,000 lb each, provided the overall distance between the first and last axles of such consecutive sets of tandem axles is 36 ft or more.

ALTERNATE METHOD OF COMPUTATION OF ALLOWABLE GROSS WEIGHT (CA. CODE SEC. 35551.5)

Distance in feet between first and last axles of group	Allowed load in pounds on group of axles
4	32,000
5	32,000
6	32,200
7	32,900
8	33,600
9	34,300
10	35,000
11	35,700
12	36,400
13	37,100
14	43,200
15	44,000
16	44,800
17	45,600
18	46,400

The total gross weight with load imposed on the highway by any vehicle in such combination of vehicles or of such combination of vehicles where the distance between the first and last axles is more than 18 ft shall not exceed that given for the respective distances in the following table:

Distance in feet	Allowed load in pounds
19	47,200
20	48,000
21	48,800
22	49,600
23	50,400
24	51,200
25	55,250
26	56,100

27	56,950
28	57,800
29	58,650
30	59,500
31	60,350
32	61,200
33	62,050
34	62,900
35	63,750
36	64,600
37	65,450
38	66,300
39	68,000
40	70,000
41	72,000
42	73,280
43	73,280
44	73,280
45	73,280
46	73,280
47	73,280
48	73,280
49	73,280
50	73,280
51	73,280
52	73,600
53	74,400
54	75,200
55	76,000
56 or over	76,800

LOW CLEARANCES ON STATE ROUTES

County	Rte.	Post-Mile	Direction	Bridge Name	Vertical Clearance
Ventura	33	18.23	NB & SB	S MATILIJA TUNNEL	13 ft 4 in.
Ventura	33	18.81	NB & SB	MID MATILIJA TUNNEL	13 ft 4 in.
Ventura	33	18.85	NB & SB	N MATILIJA TUNNEL	13 ft 4 in.
Los Angeles	110	24.16	NB	COLLEGE ST.	13 ft 6 in.
Los Angeles	110	24.548	NB	HILL ST.	13 ft 5 in.
Shasta	151	5.508	EB & WB	CORAM RAILROAD CROSSING	13 ft 9 in.
Alameda	238	2.19	SB	EDENVALE RAILROAD CROSSING	14 ft
San Diego	5	15.42	NB	PERSHING DR.	13 ft 10 in.