

**STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION
2800 BERLIN TURNPIKE, P. O. BOX 317546
NEWINGTON, CONNECTICUT 06131-7546**

Telephone (860) 594-2880

Fax (860) 594-2949

Connecticut DOT Web Page www.ct.gov/dot

On-line Permits www.cvisn.ct.gov

Connecticut Bridge Formula

L = DISTANCE IN FEET BETWEEN THE EXTREMES OF ANY GROUP OF TWO OR MORE CONSECUTIVE AXLES.

N = NUMBER OF AXLES IN ANY GROUP UNDER CONSIDERATION.

W = MAXIMUM WEIGHT IN POUNDS CARRIED ON ANY GROUP OF TWO OR MORE AXLES COMPUTED TO THE NEAREST 500 POUNDS.

DISTANCE IN FEET BETWEEN THE EXTREMES OF ANY GROUP OF 2 OR MORE CONSECUTIVE AXLES. MAXIMUM LOAD IN POUNDS CARRIED ON ANY GROUP OF 2 OR MORE CONSECUTIVE AXLES.

DISTANCE IN FEET BETWEEN THE EXTREMES OF ANY GROUP OF 2 OR MORE CONSECUTIVE AXLES.

AXLES	2 AXLES	3 AXLES	4 AXLES	5 AXLES	6 AXLES	7 AXLES
4	36,000					
5	36,000					
6	36,000					
7	36,000					
8	36,000	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	62,500	68,000	
24		54,000	58,000	63,000	68,500	74,000
25		54,500	58,500	64,500	69,000	74,500
26		55,500	59,500	65,000	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
29		57,500	61,500	66,000	71,500	77,000
30		58,500	62,000	66,500	72,000	77,500
31		59,000	62,500	67,500	72,500	78,000
32		60,000	63,500	68,000	73,000	78,500
33			64,000	68,500	74,000	79,000
34			64,500	69,000	74,500	80,000
35			65,500	70,000	75,000	
36			66,000	70,500	75,500	
37			66,500	71,000	76,000	
38			67,500	72,000	77,000	
39			68,000	72,500	77,500	
40			68,500	73,000	78,000	
41			69,500	73,500	78,500	
42			70,000	74,000	79,000	
43			70,500	75,000	80,000	
44			71,500	75,500		
45			72,000	76,000		
46			72,500	76,500		
47			73,500	77,500		
48			74,000	78,000		
49			74,500	78,500		
50			75,500	79,000		
51			76,000	80,000		
52			76,500			
53			77,500			
54			78,000			
55			78,500			
56			79,500			
57			80,000			

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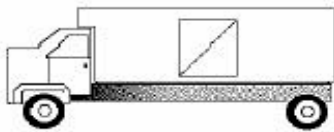
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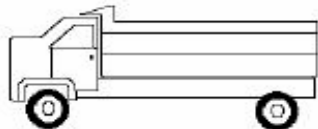
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COMMERCIAL VEHICLE LIMITS IN CONNECTICUT

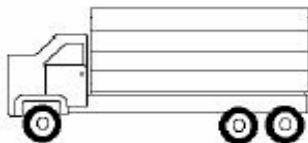
- (1) The Motor Vehicle Department issues registrations with a gross weight in accordance with the number of axles. Distribution of the weight, per axle, is the responsibility of the owner/lessor operator of the vehicle.
- (2) In all cases the weight on any single axle is not to exceed 22,400 pounds, or in the case of axles spaced less than six (6) feet apart, 18,000 pounds per axle.



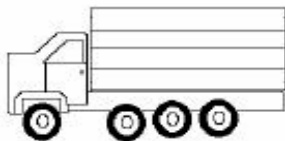
- A. Maximum G.V.W. 26,000 pounds solid tires only; no axle weight restrictions.
- B. Maximum G.V.W. 32,000 pounds pneumatic tires; no axle weight restrictions.
- C. Maximum G.V.W. 36,000 pounds with axle weights limited to 18,000 pounds.
- D. Maximum G.V.W. 40,000 pounds provided the wheelbase requirements of Federal Bridge Formula are met.



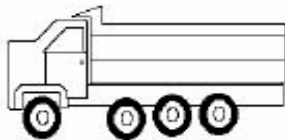
- A. Maximum G.V.W. 40,000 pounds 4-wheel construction vehicles only operating within 25 miles of construction site.



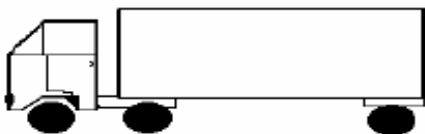
- A. Maximum G.V.W. 53,800 pounds.
- B. Maximum G.V.W. 60,000 pounds provided the wheelbase requirements of Federal Bridge Formula are met.



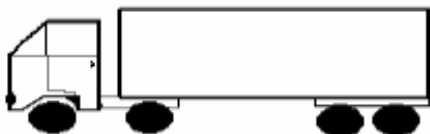
- A. Maximum G.V.W. 67,400 pounds if the wheelbase is less than 28 feet.
- B. Maximum G.V.W. 73,000 pounds if the wheelbase is 28 feet or more.



- A. Maximum G.V.W. 73,000 pounds when the vehicle is engaged in construction work, transporting material, or equipment to a construction project.



- A. Maximum G.V.W. 58,400 pounds combination vehicle.
- B. Maximum G.V.W. 60,000 pounds combination vehicle, provided the wheelbase requirements of Federal Bridge Formula are met.



- A. Maximum G.V.W. 67,400 pounds if wheelbase is less than 28 feet.
- B. Maximum G.V.W. 73,000 pounds if wheelbase is 28 feet or more.



- A. Maximum G.V.W. 73,000 pounds.
- B. Maximum G.V.W. 80,000 pounds provided the wheelbase requirements of Federal Bridge Formula are met.

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**GUIDELINES FOR TRANSPORTING
MOBILE, MODULAR OR SECTIONAL HOUSING**

In addition to the established guidelines and policies used in the transportation of oversize loads, the following restrictions are required when transporting mobile, modular or sectional housing on Connecticut highways. Transporters failing to comply with these restrictions will be denied future permits. These restrictions pertain to all mobile, modular or sectional housing units where the overall width exceeds twelve feet, to a maximum width of fourteen feet.

RESTRICTIONS

1. Maximum width (14') fourteen feet. This fourteen-foot width includes all roof overhangs, sills, knobs, and siding.
2. Maximum height (13'-6") thirteen feet six inches.
3. Maximum length (85') eighty-five feet, except that (90') ninety feet is permitted when the towed unit does not exceed (66') sixty-six feet in length excluding the hitch.
4. Gross vehicle weight not to exceed legal limits.
5. Travel for all manufactured housing is restricted to daylight hours, Monday through Friday. No moves will be permitted during peak hours 6:30 a.m. to 9:00 a.m. and 4:00 p.m. to 6:00 p.m.
6. Limited access and divided highways will be used, regardless of the distance traveled for both in-state and through-state moves.
7. Travel on multi-lane highways shall be on the right-hand lanes with overhand on the shoulder.
8. Convoy style hauling is not permitted. A maximum distance of 200 yards between vehicles is required.
9. No moves are permitted during adverse road conditions, inclement weather, or excessive winds.
10. Escort vehicles are required, greater than 12 feet wide one rear escort required on divided highways or one front escort required on undivided highways; greater than 13 feet 6 inches one front and one rear escort required.
11. Escort vehicles shall be properly signed and equipped with flashing amber lights mounted on the roof of the vehicle. Permits to display these lights may be obtained by applying to the Connecticut Motor Vehicle Department, Driver Licensing Division, 60 State Street, Wethersfield, Connecticut 06161 or by telephone (860)263-5150.
13. All escort vehicles and transporter shall be in constant communication with each other via radio, CB, walkie-talkie, etc.
14. The towing vehicle shall have a minimum manufacturer's gross vehicle weight rating of 10,000 pounds and shall have dual wheels on the drive axle. All towing features shall conform to ICC requirements.
15. The brakes on the towing vehicle shall conform to the requirements of Section 14-80a of the Connecticut General Statutes and the brakes on the mobile home shall conform to Section 14-81 of the Connecticut General Statutes.

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VEHICLE SIZE AND WEIGHT LIMITATIONS

Vehicle operations in the State of Connecticut must comply with size and weight limitations cited in the Connecticut General Statutes, Sections 14-261, 14-261a, 14-262, 14-264, 14-267a, 14-269, and 14-270, as amended.

SIZE LIMITS

LENGTH INCLUDES LOAD

Single unit vehicle 45 feet.

Tractor and a 48' semitrailer combination, no overall length limits, trailers are limited to 48 feet in length.

RESTRICTED TO THE DESIGNATED HIGHWAY SYSTEM

Tractor and a twin 28' trailer combination, no overall length limit, trailers are limited to 28 feet in length.

Tractor and a 53' semitrailer combination, no overall length limits, semitrailer limited to 53 feet in length.

A trailer greater than 48' and less than or equal to 53' in length, that has a distance of no more than 43' between the kingpin and the center of the rearmost axle with wheels in contact with the road surface.

WEIGHT LIMITS

Width - 102.37 inches

Height - 13 feet 6 inches

Maximum Weight Practicable - 80,000 pounds on 5 axles with 51-feet between the first and last axle.

Axle Weights - Axles spaced less than 6 feet apart 18,000 pounds per axle or axles spaced 6 feet or greater 22,400 pounds per axle.

Tires - Load per inch width of tire 600 pounds maximum.

Single Unit - 2-axle vehicle 32,000 pounds, 36,000 pounds when axle weight does not exceed 18,000 pounds or 40,000 pounds when the wheelbase is 10 feet or more; 3-axle vehicle 53,800 pounds; 4-axle vehicle 67,400 pounds or 73,000 pounds permitted when the distance between the first and last axle is 28 feet or more; 5-axle vehicle 73,000 pounds.

Tractor Semitrailer - 3-axle combination 58,400 pounds; 4-axle combination 67,400 pounds, if wheelbase is 28 feet or more 73,000 pounds; 5 or more axle combination 73,000 pounds.

Gross Vehicle Weights Over 73,000 pounds - A maximum gross weight of 80,000 pounds is allowed when all the requirements of the Federal Bridge Formula are met.

PERMIT PROCEDURES FOR OVERSIZE/OVERWEIGHT VEHICLES

The Department of Transportation is authorized to issue size and weight permits on a per trip basis during daylight hours for a three-day period. The State's base permit fee is \$23.00 with an additional \$3.00 charge when permits are sent via facsimile equipment. If you use a permit service, they will charge you a separate additional fee. Applications for a permit may be made by telephoning 860-594-2880, in person, by website (www.cvisn.ct.gov/ct) or by letter to the attention of the OS/OW Permit Unit at the address shown above. All applications must provide the following information: date, US DOT number, registration number, year, vin number and register weight of each vehicle, origin, destination, routes to be traveled, overall height, overall length, overall width, gross weight, the number of axles and description of load. *** Applications for permits over 80,000 lbs, must provide axle weights and spacings, number of tires and tire sizes for each axle.

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OVERSIZE/OVERWEIGHT PERMIT RESTRICTIONS SUMMARY

VEHICLE

Signs - Minimum 7 feet long, 18-inch high, black letters minimum 1 inch wide, 8 inches minimum height on a yellow background.

Flags - 18 inch square, red flags at four corners and/or widest points.

Vehicle and Load 10 feet or wider - Signs and flags front and rear at four corners and/or widest points.

Flashing Lights - Required on transporter and escort, top mounted amber light visible from a distance of not less than 1,000 feet.

Vehicle(s) and Load(s) over 8 feet 6 inch wide - Flags required at four corners and/or widest points.

ESCORTS (Including CT State Police)

Over Width Loads – Greater than 12 feet wide one rear escort required on divided highways or one front escort required on undivided highways: Greater than 13 feet 6 inches one front and one rear escort required; 15 feet to 16 feet (maximum permitted) one front and two rear escorts.

Over Height Loads – Greater than 14 feet high one front escort. 15 feet 1 inch high or greater and 13 feet 6 inches wide or greater CT State Police escorts (one front and one rear). Over 15 feet 3 inches high, CT State Police escorts (one front and one rear).

Over Length Loads – Greater than 80 feet: one rear escort on undivided highways; greater than 100 feet one rear escort, front and rear escorts on undivided highways; 120 feet and greater front and rear escorts required.

Mobile or Modular Homes – Greater than 10 feet wide but no greater than 13 feet 6 inches, one rear escort required on divided highways and front escort required on undivided highways; greater than 13 feet 6 inches and up to 14 feet wide front and rear escorts required on divided and undivided highways.

Escort Vehicle Size - Minimum width 60 inches maximum capacity 1-1/2 ton.

Communications - Two-way radio communication between pilot car(s) and transporter is required.

TRAVEL RESTRICTIONS

Loads 13 feet 6 inch or wider and over 14 feet high, 9:00 a.m. - 4:00 p.m. **Tuesday, Wednesday, and Thursday only.**

Mobile or Modular Homes - Monday - Friday No moves permitted between the hours of 6:30 a.m. to 9:00 a.m. and 4:00 p.m. to 6:00 p.m.

Mobile Truck Cranes – Self-propelled truck cranes measuring greater than 10 feet wide are allowed to operate ½ hour before sunrise until ½ hour after sunset Monday through Friday, except between the hours of 7:00 a.m. - 9:00 a.m. and 4:00 p.m. - 6:00 p.m.

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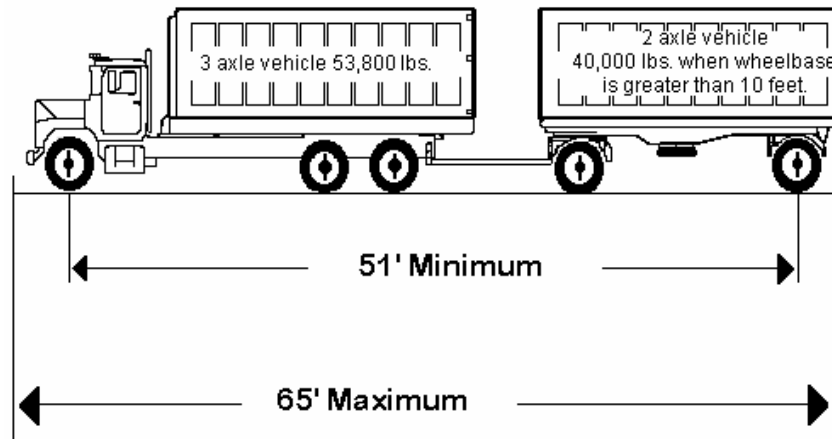
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VEHICLE SIZE AND WEIGHT LIMITATIONS



MAXIMUM G.V.W. = 80,000 POUNDS (51' MINIMUM)

Vehicle operations in the State of Connecticut must comply with size and weight limitations cited in the Connecticut General Statutes, 14-261, 14-261a, 14-262, 14-264, 14-267a, 14-269, and 14-270 as amended.

SIZE LIMITS

LENGTH-(Including Load) - Single unit vehicle 45 feet: tractor semi-trailer combination, no overall length limit, semi-trailer limited to 48 feet: **RESTRICTED TO THE DESIGNATED HIGHWAY SYSTEM** tractor multi-trailer combination, no overall length limit, trailers limited to 28 feet in length. A trailer greater than forty-eight feet and less than or equal to fifty-three feet in length, that has a distance of no more than forty-three feet between the kingpin and the center of the rearmost axle with wheels in contact with the road surface, may be operated on (1) unless posted otherwise, United States and Connecticut routes numbered from 1 to 399, inclusive, 450, 476, 508, 693 and 695 and the national system of interstate and defense highways, and (2) state and local roads for up to one mile from the routes and system specified in subdivision (1) of this subsection for access to terminals, facilities for food, fuel, repair and rest, and points of loading and unloading. The Commissioner of Transportation shall permit additional routes upon application of carriers or shippers provided the proposed additional routes meet the permit criteria of the Department of Transportation. Such length limitation shall be exclusive of safety and energy conservation devices, such as refrigeration units, air compressors or air shields and other devices, which the Secretary of the federal Department of Transportation may interpret as necessary for the safe and efficient operation of such vehicles, provided no such device has by its design or use the capability to carry cargo

WEIGHT LIMITS

MAXIMUM WEIGHT PRACTICABLE - 80,000 pounds

TANDEM AXLES - (LESS THAN 6 FEET APART) 18,000 pounds per axle.

TIRES - load per inch width of tire 600 pounds maximum.

GROSS AXLE WEIGHTS - 22,400 pounds - If axles are spaced less than 6 feet apart 18,000 pounds.

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ESCORT REQUIREMENTS FOR OVERDIMENSIONAL VEHICLES

ESCORT REQUIREMENTS						
	Divided Hwys		Undivided Hwys		State Police Escorts	
	Front	Rear	Front	Rear	Front	Rear
WIDTH - Maximum width 16'-0"						
Legal to 12'				*		
Greater than 12'-0" but no greater than 13'-6"		X	X			
Greater than 13'-6"	X	X	X	X		
15'-0" or greater	X	XX	X	XX		
Over 13'5 Width & Over 15' Height					X	X
HEIGHT						
Greater than 14'-0"	X		X			
15'-1" high or greater and 13'-6" in width or wider	X		X		X	X
15'-4" high or greater	X		X		X	X
LENGTH						
Greater than 80'-0"				X		
Greater than 100'-0"		X	X	X		
Greater than 119'-0"	X	X	X	X		
MOBILE/MODULAR/SECTIONAL HOUSING						
WIDTH - Maximum width 16'-0"						
Legal to 10'-0"				*		
Greater than 10'-0" but no greater than 13'-6"		X	X			
Greater than 13'-6"	X	X	X	X		
Pilot Program Night Moves						
Greater than 14'-0"	X	X	X	X		X
LENGTH						
Greater than 80'-0"				X		
Greater than 85'-0"	X	X	X	X		
(90' Max)						
(66' Box Max)						
Pilot Program Night Moves						
Greater than 90' (104' Max)	X	X	X	X		X
* IF LOAD EXCEEDS LANE WIDTH						