

**NH**

# New Hampshire



New Hampshire  
 Department of Transportation  
 Bureau of Highway Maintenance  
 John O. Morton Building  
 P.O. Box 483  
 Concord, New Hampshire 03302

PHONE: (603) 271-2691

HOURS: 8:00 A.M.-4:00 P.M.  
 EASTERN TIME

## Legal Limits

	DESIGNATED HIGHWAYS	ALL OTHER ROADS
Weight:		
Single	20,000*	22,400
Tandem	34,000	36,000
Tridem	Tandem limits	Maximum 48,000
Gross weight	80,000	80,000
	<i>Federal Bridge Formula applies.</i>	
Width:	8'6"	8'6"
Height:	13'6"	13'6"
Length:		
Single unit, buses	45'	45'
Semi-trailer	53'	48'
	41' kingpin setting applies. Must be equipped with rear bumper protection.	
Twins/doubles	28'	N/A
Autotransporters	48' trailer only	65' overall length
Stinger steered	75'	75'
Rocky mtn. doubles	Not allowed	Not allowed
Turnpike doubles	Not allowed	Not allowed
Triples	Not allowed	Not allowed
Saddlemounts	65'	65'

\*For a combination of truck-tractor and semi-trailers with 5 or more axles when weight does not exceed 73,280 lbs., the weight of a single axle not to exceed 22,400 lbs. and 36,000 lbs. on a tandem.

**TOLERANCE** No tolerance on interstate, 5% on all other roads for weight.

**TIRE WIDTH** 600 lbs. per inch width of tire

**ACCESS** 53' trailers and twins on designated highways only.

**OVERHANG** 3' front, 4' back. Requires flags. Overhang is allowed as long as it does not exceed the legal length.

**EXEMPTIONS**

Transporting poles, logs, timbers or metal in a case in which the load is not readily divisible and such overhang does not interfere with steering the vehicle, or if the vehicle is an emergency fire fighting vehicle. A vehicle transporting loose hay or fodder may be driven on the ways of this state when the overall width including load is more than 8'6" provided the excess over 8'6" is solely due to the loose hay or fodder.

**Permit Limits****ROUTINE ISSUE**

<b>Weight:</b>		<b>Gross weight:</b>	
Single	25,000	5 Axles	130,000
Tandem	50,000	6 Axles	140,000
Tridem	70,000	7 Axles	150,000
Quad	85,000	8 Axles	150,000
Length:	110'	Goes to bridge division.	
Width:	16'		
Height:	16'		

**Dimensions over 13'6" high or 110' long requires a route survey. No permits for height over 15' on all turnpikes. Please see RESTRICTED TRAVEL section.** If the trip can be completed safely, the Department will issue the permit. If load exceeds any of these dimensions or weights, refer to the section on Super Loads.

**OS/OW Permit shall be submitted to Bridge Design for bridge review if:**

- Any bridge on the proposed route has a load posting or weight restriction
- Any axle spacing less than 4'-0"
- Any single axle exceeds 27,500 pounds. (10'-0" or more to any adjacent axle)
- Any axle of a tandem group exceeds 25,000 pounds. (see note 2)
- Any axle of a tridem group exceeds 22,500 pounds. (see note 2)
- Any axle of a quad group exceeds 20,000 pounds. (see note 2)
- Any group of five axles. (see note 2)
- Any 2-Axle Single Unit exceeds 55,000 pounds.
- Any 3-Axle Single Unit exceeds 72,500 pounds.
- Any 4-Axle Single Unit exceeds 90,000 pounds.
- Any 5-Axle Single Unit exceeds 100,000 pounds.
- Any Single Unit, with 6 or more axles, exceeds 110,000 pounds.
- Any 3-Axle combination Unit exceeds 82,500 pounds.
- Any 4-Axle combination Unit exceeds 95,000 pounds.
- Any 5-Axle Combination Vehicle exceeds 108,000 pounds.
- Any 6-Axle Combination Vehicle exceeds 120,000 pounds.
- Any 7-Axle Combination Vehicle exceeds 130,000 pounds.
- Any Combination Vehicle, with 8 or more axles, exceeds 149,999 pounds.

Note 1) RSA 266:18-c states that a vehicle or combination of vehicles shall not be driven or moved over any bridge or other structure on any way if the weight of such vehicle, or combination of vehicles and load, is greater than the capacity of the structure as shown by a sign on the right side of or overhead on the structure. It is assumed that the weight of the OS/OW permit vehicle will be in excess of the provisions of RSA 266:18-b, and therefore will exceed the posted capacity of the bridge.

Note 2) For purposes of this table, axles together are considered a group of axles (tandem, tridem, quad, etc.) when each individual axle space in the group is less than 10'-0".

Note 3) Speed of permit vehicle shall not exceed 20 miles per hour while crossing bridges (except for bridges on the interstate and turnpike system, or corridors designed to meet interstate standards...including NH101 from Manchester to Hampton, etc

*Fee for bridge review is \$40.00 per hour*

New England Consortium permit not to exceed 90' long, 13'6" high, 14' wide, or 120,000 pounds on 6 axles. Participating states are Maine and New Hampshire.

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**PERMITS VALID FOR**

Single trip permits are valid for five (5) travel days (excluding weekends and holidays) going through with return 10 days.

**ACCEPTABLE PERMIT FORMAT**

This permit shall be carried in the vehicle at the time of the move, and shall have the same available for inspection by any police officer.

**EXTENSIONS/REVISIONS**

Unless changes or amendments are requested prior to starting a move, all conditions, provisions and limitations in the permit are binding and the grantee is barred from alleging error or mistake. May call in order to get an extension due to breakdowns or bad weather.

**OPERATING TIME**

One-half hour before sunrise to one-half hour after sunset. Vehicles which are overweight only shall not be restricted to the time of travel.

**WEEKEND TRAVEL**

Saturday morning travel program 2021 - 4/17 - 11/20 - Travel allowed from 1/2 hour before sunrise until noon on Saturdays.

Moves on I-95 allowed from 1/2 hour before sunrise until 9:00am on Saturdays beginning 6/05 and ending 8/27.

Weekend travel must be requested in load section of the application.

No Sunday travel.

No travel on weekends for manufactured housing moves greater than 14' wide.

**LIFT AXLES**

Lift axles must be factory installed and load equalizing or it must provide a system of load equalization by hydraulic, pneumatic or mechanical means and be equipped with brakes. The tridum may contain not more than one retractable axle.

**DIVISIBLE LOADS**

Loads must be reasonably reduced to legal size and/or weight.

**EXCEPTIONS**

Off-the-road type equipment and haulers shall carry no load except normal parts or accessories pertaining to the major item.

If the load can be reasonably reduced, it must be taken off. Blades and buckets can be left on if they cannot be taken off easily. The additional size may require obtaining additional escorts.

**SELF-PROPELLED EQUIPMENT**

Off-the-road type earthmovers and haulers traveling on a permit shall carry no load except normal parts or accessories pertaining to the major item.

**INTERMODAL**

Must be legal

MANUFACTURED HOUSING/MOBILE HOMES

NH DOT Approves Restricted Travel for Transportation of 16' Wide Mobile Homes

TRA 304.10 Special Provisions for Certain Overdimension Modular and Mobile Units

- (a) The purpose of this section is to establish additional requirements for issuance of single trip permits for the restricted movement of manufactured housing units, such as a modular, prefabricated, pre-cut, and mobile units, of overall width, including hauling units greater than 14 feet 0 inches and less than or equal to 16 feet 0 inches. In the case of modular and mobile homes, an additional 6 inch overhang for eave(s) shall be allowed. The greater overhang shall be on the right-hand shoulder side of the highway in the direction of travel, making a maximum width in such cases 16 feet and 6 inches.
- (b) All other conditions, restrictions, and requirements of this part shall apply to such applications and permitting of movement by manufactured housing units with width greater than 14 feet 0 inches and less than or equal to 16 feet 0 inches, or 16 feet 6 inches with eave overhang for modular and mobile homes.
- (c) Such movements shall additionally require at least 2 New Hampshire state police escort vehicles to be provided by the applicant. In instances where movement requires road closure or closure of a portion thereof, 3 New Hampshire state police vehicles shall be provided as escorts.
- (d) Such movements shall be further restricted to Tuesday, Wednesday and Thursday, unless otherwise prohibited, so as not to interfere with tourism related to traffic.
- (e) Such movements shall be further limited to roadways with minimum pavement width of 24 feet 0 inches and minimum paved shoulders of 8 feet 0 inches. Units shall not be routed to roadways that do not meet minimum pavement width and minimum paved shoulder dimensions for convenience, for decreased travel time or distance, or due to construction.
- (f) Applicants may apply for travel on roadways that do not meet the minimum dimension in (e) above in the following circumstances.
- (1) To access roadways that do meet minimum dimensional criteria from the unit's initial origin including the manufacturer site and dealership; and
  - (2) To access points of final destination.
- (g) In circumstances outlined in (f) above, the department shall evaluate and approve or deny requests for movement on roadways that do not meet the minimum dimensions set forth in Tra 304, 10(e) based on the following safety criteria.
- (1) The width of travel lanes to allow safe passage and turning;
  - (2) The shoulder conditions and widths to allow emergency travel or stopping;
  - (3) If there are passing zones which allow other motorists unimpeded, safe travel, if applicable;
  - (4) Stopping sight distance at intersection to allow for safe stopping and passage through intersections; and
  - (5) Ability of the overwidth unit to safely negotiate turns along the requested route.

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**MANUFACTURED HOUSING UNITS****SPECIAL PROVISIONS**

Single trip permits may be issued for restricted movement of manufactured homes (modular, prefabricated, pre-cut, mobile units) of overall maximum dimensions including hauling unit not exceeding fourteen feet (14'), six inches (6") in width including eaves and other appurtenances and safety devices, and ninety-five feet (95') in length, and legal height, thirteen feet (13'), six inches (6").

Moves shall be restricted to roadways featuring a minimum pavement width of twenty-four feet (24'), whenever possible, from point of origin to point of delivery. Insofar as practical, movement shall be confined to a single traffic lane and shall be made in such a manner that the remainder of the roadway shall be open at all times eliminating obstruction of other traffic flow. The manufacturer's specifications regarding maximum capacities for the equipment employed in transporting manufactured housing units shall not be exceeded in any circumstances.

The towing vehicle for manufactured units which exceed ten feet (10') in width shall be a truck-tractor of not less than two (2) ton capacity equipped with dual wheels on the drive axle. The transport vehicle shall have the following special equipment: brakes, clearance lights, reflectors, and safety chains to restrain the trailer if the coupling fails.

The following special provisions, adopted after consultation with border states, alter escort requirements for manufactured housing units when special transporters-hauling vehicles are used.

1. All hauling units and escort vehicles shall be equipped with two-way radios featuring common frequencies.
2. A convoy shall be no more than two (2) manufactured units.
3. When moving units twelve feet (12') wide or less:
  - a. No escort vehicle shall be required for movement over four (or more) lane divided highways; and
  - b. One (1) escort vehicle shall be required for single or convoy moves over all other roads.
4. When moving units over twelve feet (12') wide but not over fourteen (14'), six inches (6") wide:
  - a. One (1) escort vehicle shall be required for single or convoy moves over four (or more) lane divided highways and to first stop opportunity within two (2) miles of an exit from such highway; and
  - b. One escort vehicle shall be required per housing unit for all other roads.
5. Moves shall be prohibited when ground surface wind velocity exceeds twenty-five (25) miles per hour.

## Types of Permits

## ROUTINE ISSUE

**Single Trip Permits**

Each permit for either overlength, overwidth or overheight or any combination - \$6.00.  
Overweight vehicles and load over registered weight but not exceeding:

<u>POUNDS</u>	<u>FEE</u>
0 - 50,000	\$ 5.50
50,001 - 60,000	6.50
60,001 - 70,000	7.50
70,001 - 80,000	8.50
80,001 - 90,000	9.50
90,001 - 100,000	10.50

For each additional 10,000 lbs. over 100,000, \$2.50 shall be added to the above rate.

**Annual Permit - 100 Mile Radius**

This permit shall be issued for all types of moves within a 100 mile radius of the applicant's business location and for a specified vehicle during a period of one calendar year from the date of issue. One vehicle or combination shall be allowed on each permit. Annual permits shall be for vehicles limited to dimensions not in excess of 75' long, 10'6" wide, 13'6" high and legally registered weight.

The fee for an annual 100 mile radius permit is \$50. Note: 100 mile radius annual permits will be issued to cover units registered and based in this state only.

**Special Annual Permit - Statewide**

This permit shall be issued for all types of moves and for a specified vehicle during a period of one calendar year from date of issue. Only offered if unit is registered and based in state. One vehicle or combination shall be allowed on each permit. Annual permits shall be for vehicles limited to dimensions not in excess of 75' long, 10'6" wide, 13'6" high and legally registered weight. The fee for annual statewide permits is \$100.

**Construction Season Permits**

Holders of annual permits working on state sponsored projects may obtain supplemental permits at no additional charge for moves between their recognized in-state place of business and the contract site and/or between contract sites for up to 14' wide and a gross weight not to exceed 120,000 lbs.

**Instant Permits**

Issued to holders of annual permits or applicants establishing escrow fund accounts with the Department, (the permit shall be written on a prescribed form at a remote location by applicant while in direct contact with and guidance of the permit office). A simultaneous copy shall be written by the permit office for control and record. The applicant shall carry the original permit in the vehicle during the move and promptly forward a permit copy to the permit office. The cost of the instant cab permits is \$5 for a book of 25.

**INFORMATION NEEDED TO ORDER A PERMIT**

Company information including registered owner and any DBA names, type of object to be moved, license numbers for tractor and trailer, registered weight, number of axles, vehicle and load dimensions, gross weight, origin, destination, routes to be traveled and method of fee payment. Also required is rated axle capacity in pounds for each axle of the hauling equipment, proposed load in pounds for each axle of the hauling equipment; center-to-center spacing in feet and inches between each axle of each component of the hauling equipment, distance between extreme axles in feet and inches, rated tire capacity in pounds for each axle of the hauling equipment, the proposed load on each component of the hauling equipment for supermoves or when requested by NHDOT, Gross vehicle weight rating (GVWR) for each component of the hauling equipment, and Gross combined weight rating (GCWR) for the entire hauling equipment. Route survey required when height exceeds 13-6.

Escorts

Loads greater than 110' long and/or greater than 13'6" high with require a Physical Route Survey or Physical Height Survey. The survey must be on the states form & include the permit number, loaded dimensions included overhang, origin, destination, number of steerable axles and routes, loads estimated speed, pole height, and the date the survey was performed. Surveys cannot be valid for more than 30 days from date of submission.

When Escorts Are Needed:

# Escorts

- |  |                              |
|--|------------------------------|
| • <u>Width</u> 12' and over                              | 1 Front - depends on highway |
| • <u>Length</u> 90' and over                             | 1 Front - depends on highway |
| • <u>Overhang</u> 15' or greater and 12' wide or greater | 1 Front + 1 Rear             |

Police Escort: Cost \$70.00 per hour with 4 hour minimum.  
Every half hour after 4 hours is \$35.00  
Phone#: (603) 271-6298 or (800) 443-5268 - 48 hour notice required  
(State Police need 48 hour notice) After hours: (603) 271-3636

- Width 15'1 and over require 1 state police escort
- Length 100' and over require 1 state police escort

Mobile Homes:  
Manufactured homes are restricted to 16' wide, 110' long, 14'6" high

When one escort is required, it shall precede a load on undivided highways and follow the load on divided highways.

When Escorts Are Needed:

# Escorts

- |  |        |
|--|--------|
| • <u>Width</u> 12' and over, not over 14'                                | 1      |
| • <u>Width</u> Greater than 12', front or rear Overhang greater than 15' | 2      |
| • <u>Width</u> Greater than 14' to 16', with approved route              | 2 SP+1 |
| • <u>Length</u> 90' and over   | 1      |
| • <u>Length</u> 100' and over  | 1 SP+1 |
| • <u>Overhang</u> Rear overhang greater than 15'                         | 2      |
| • <u>Height</u> greater than 13'6"                                       | 1      |

VEHICLE REQUIREMENTS

Escort vehicle shall be equipped with an operating top mounted flashing or rotating amber lights. The escort shall precede the permit load on all highways except on 4-lane divided highways when it should follow the load. Escort vehicles shall be required to drive with headlights turned on in the low beam position and will be no smaller than a compact size automobile or pickup truck.

When traffic following a permit move has accumulated to 7 vehicles, the permit load must yield the right-of-way for these vehicles to pass at the nearest accessible place. When crossing bridges on 2-way highway where bridge width is 24' or less, the escort vehicle shall stop all traffic while the load is on the bridge. A 2-way radio allowing contact with the permitted vehicles at all times.

Signs & Flags

SIGNS

Escort vehicles preceding oversize loads shall display a warning sign affixed to the front with legend reading "Oversize Load". The escort following the load will affix an oversize load sign to rear. Signs shall have 10" high black letters of a 1 5/8" brushstroke on a yellow background and signs shall be made of durable material unaffected by moisture. Shape of the sign may be varied to fit the escort vehicle. Warning signs shall be displayed on the front of the hauling vehicle and on the rear of the hauling vehicle or load whichever provides best rear display. It shall read "Oversize Load". The sign shall be 7' wide, 18" high with 10" high black letters of 1 5/8" brush strokes on yellow background.

FLAGS

Flags are required on all oversize vehicles. Flags should be fluorescent red and be at least 12" square. Flags should be mounted on all extremities of the load.

Insurance

The applicant assumes all responsibility for injury to persons or damage to public or private property caused directly or indirectly by the transportation of the vehicle or load under permit.

Weigh Stations

I-93 Windham N. of MA State Line between exits 3 & 4 NB, SB  
I-89 Enfield E. of VT State Line between exits 18 & 19 NB, SB

Restricted Travel

Travel through the city of Manchester is restricted during the hours of 7:00 AM - 9:00 AM and 3:00 PM - 6:00 PM.

A vehicle or combination of vehicles shall not be driven or moved over any bridge or other structure in any way if the weight of such vehicle or combination of vehicles and load is greater than the capacity of the structure as shown by a sign on the right side of or overhead on the structure. Permits may be suspended during specific periods on certain roads when loads exceed posted capacities imposed because of emergencies of frost, winter thaws, or excessive rainy periods. Permits are void during periods of slippery pavement conditions or inclement weather creating hazardous driving conditions.

All OVERHEIGHT loads greater than 15' high will not be allowed or permitted to travel through any New Hampshire toll plaza locations. All other OVERSIZE signed loads shall use extreme right lane when traveling through any New Hampshire toll plaza locations.  
PERMANENT RESTRICTION

*Drivers going into or coming out of the following ports will be required to have a Transportation Workers Identification Card (TWIC) issued by the Transportation Safety*

*Administration:*  
*Portsmouth*

SPRING WEIGHT RESTRICTIONS

Weights are limited to 20,000 lbs. gross axle weight or the cumulative width in inches of all tires contacting the road surface multiplied by 300 lbs. or whichever weight is less.

Holidays

Travel is prohibited on the following days:

New Year's Day	Independence Day	Christmas Day
Martin Luther King Day	Labor Day	Thanksgiving Day
Washington's Birthday	Columbus Day	
Memorial Day	Veterans Day	

If a holiday falls on a Sunday, the following Monday shall be considered the holiday. If it falls on a Saturday, the previous Friday shall be considered the holiday.

The State Permit Office will be closed on the above mentioned holidays as well as the day after Thanksgiving, but travel will not be restricted on this additional day.

Fines

Excess of weight penalty is \$100 or \$.02 cents for each pound in excess of the prescribed weight, whichever is greater on the first offense. \$250 or \$.02 cents per pound in excess of the prescribed weight on the second offense.



On an offense of three or more, of the same vehicle, \$250 or \$.02 cents per pound in excess of the prescribed weight, whichever is greater up to an excess of 15,000 lbs.; when the excess is more than 15,000 lbs. and less than 30,000 lbs., \$.03 cents per pound and when the excess is more than 30,000 lbs., it will be \$.04 cents per pound.

Any person who shall drive on a bridge a vehicle whose weight is in excess of the posted or annually published caution crossing limit for that particular bridge may be fined up to \$200.

If the bridge is posted for no trucks and a truck is caught violating the posting, fine shall be \$400.

**Super Loads**

Loads of 150,000 lbs. go to the review, will need a diagram showing number of axles, tires, spacings, tire width and anticipated axle weights.

Allow five to ten days for processing.

**For more information please contact:**

**Comdata**

**(800) 749-7174**

**To obtain and order permits from Comdata please call:**

**(800) 749-7166**