

NC

North Carolina



North Carolina
 Department of Transportation
 Permit Unit
 750 N. Greenfield Pkwy
 Garner, North Carolina 27529

PHONE: (888) 574-6683 (Single Trip-Option1)
 (888) 221-8166 (Annuals/Super Load)

HOURS: 7:00 A.M. - 4:00 P.M.
EASTERN TIME
No calls after 3:00 p.m.

Legal Limits

	DESIGNATED HIGHWAYS	ALL OTHER ROADS
Weight:		
Single	20,000	20,000
Tandem	38,000	38,000
Tridem	Depends on bridge formula	
Gross weight	80,000	80,000
	<i>Federal Bridge Formula applies.</i>	
Width:	8' 6"	8'6"
Height:	14'	14'
Length:		
Single unit/buses	40'	40'
Semi-trailer	53'*	48' trailers
Twins/doubles	28'	Not allowed
Auto transporters	**	65'
Rocky mtn. doubles	Not allowed	Not allowed
Turnpike doubles	Not allowed	Not allowed
Triples	Not allowed	Not allowed
Saddlemounts	Maximum is 3 units	60'

* 53' semi-trailer' must have no more than a maximum of 41' from center of kingpin to center or rear tandem on trailer or center rearmost axle. A semi-trailer of 53' is required to be equipped with rear underride guard of substantial construction consisting of a continuous lateral beam extending to within 4" of each side of the trailer and located a maximum of 22" from the surface as measured with the vehicle empty and on a level surface. A semi-trailer over 48' long is restricted from having multiple pieces end to end off designated highways.

** No overall length limit on designated highways as long as trailer length does not exceed 53'.

TOLERANCE

None.

TIRE WIDTH Not applicable.

ACCESS On permitted route segments that include an interstate, freeway, or toll way requiring entering and exiting via an interchange; a distance of one mile is authorized from the route of travel provided in the "Via Routes" section of a permit onto another contiguous state jurisdiction highway provided that no structures are crossed no posted weight limits are exceeded and all other provisions of the permit are followed. The one mile distance shall be from ramp terminal at the intersection of the ramp and other state highway.

OVERHANG 5' front, 14' rear. Rear overhang in excess of 4 feet is required to display a 18-inch-square red flag for daytime travel and clearance lights during nighttime travel.

EXEMPTIONS

Farm equipment up to 18' wide does not require a permit when moved on its own wheels. Poles, pipes or beams are exempt on designated highways, as long as trailer does not exceed 53' long with less than 14' overhang.

Boats/boat trailers less than 10' wide are exempt from a permit. The towing boat or boat trailer 8'5"- 9'5" wide may move 24 hours/7 days a week. Boats or boat trailers 9'5"-10" wide may only move sun-up to sundown, 7 days a week. A boat or boat trailer in excess of 8'5" wide but less than 10' must be equipped with a minimum of two operable amber lamps on the widest point of the boat and the boat trailer such that the dimensions of the boat and the boat trailer are clearly marked and visible.

Permit Limits

ROUTINE ISSUE

Weight:

Steer	20,000
Single	25,000
Tandem	50,000
Tridum	60,000
4 or more axle grouping	68,000

Gross weight

5 Axles	112,000 Must have 51' wheelbase
6 Axles	120,000 Must have 51' wheelbase
7 Axles	132,000 Must have 51' wheelbase

Length: No set limit. Beams and girders 120'.

Width 15' depending on load.

Height: There are no set limits on height, but controlled by clearances on chosen routes. Loads over 14' high must be submitted 2 days in advance of movement.

If load exceeds any of these dimensions or weights, refer to the section on Super Loads.

SASHTO: 100' long, 14' high, 14' wide, 120,000 lbs.

PERMITS VALID FOR

Single trip permits are valid for ten (10) calendar days. May get a return trip but it must be requested at the time of application.

ACCEPTABLE PERMIT FORMAT

No law enforcement officer shall issue a citation to a person for a violation of this section if the officer is able to determine by electronic means that the person has a permit valid at the time of the violation but does not have the permit in his or her possession. Any person issued a citation pursuant to this section who does not have the permit in his or her possession at the time of the issuance of the citation shall not be responsible for a violation, and the Department of Public Safety may not impose any fines under this section if the person submits evidence to the Department of the existence of a permit valid at the time of the violation within 30 days of the date of the violation.

EXTENSIONS/REVISIONS

The tractor plate and state may be amended.

OPERATING TIME

Sunrise to sunset. 7 days a week for permitted vehicles. Loads not exceeding 112,000 lbs., legal dimensions, may have continuous travel.

WEEKEND TRAVEL

Travel permitted sunrise to sunset on Saturday & Sunday. .

Permitted vehicle combinations not exceeding 112,000 gross vehicle weight and legal dimensions will be granted continuous travel seven day a week, 24 hours a day.

LIFT AXLES

Lift axles are considered as a legal axle, and must be a full weight bearing axle.

DIVISIBLE LOADS

Not allowed.

EXCEPTIONS

Blades may be hauled attached, as long as the width does not exceed 14'. A blade which has been removed may be hauled with the equipment without being considered a divisible load.

SELF-PROPELLED EQUIPMENT

Self-propelled scrapers with large, low pressure tires, maximum of 37,000 lbs. per axle, maximum gross of 50,000 lbs. for 2 axles, 70,000 for 3 axles and 90,000 for 4 axles (dolly and extra axles are used with 2 axle vehicle to increase number).

Mobile cranes may be issued annual permits for travel on primary and non-posted secondary state roads. Annual Fee is \$185.00. Truck cranes not exceeding 8'6" wide, 13'6" high, 112,000 lbs. gross weight and front and rear overhang not exceeding 10'0" may travel 24 hours a day 7 days a week.

INTERMODAL

A single trip permit or annual will be issued to vehicle combination coming from or going to a port for a fee of \$12.00 or an annual permit for \$185.00. Vehicle combinations with extreme wheelbase less than 51' limits permitted gross weight to 94,500 lbs. Shippers bill of lading/carrier bill of lading available for inspection. Must have the original unbroken seal or a replacement seal affixed by an authorized government agency.

MODULAR/MOBILE HOMES

If being moved other than by the manufacturer or retailer, must have a permit from the tax collector of the county in which the mobile home is situated prior to issuance of a permit.

16-ft. wide unit (with a maximum 3" gutter edge) is required to obtain a single trip permit. Movement is restricted to the counties of Cleveland, Lincoln, Catawba, Iredell, Davie, Forsyth and Rockingham.

Moves will not be allowed over 14' wide. Roof overhangs not to exceed 12". Moves in excess of 10' wide are restricted to travel over certain routes.

Annual permits are valid one (1) year from date of issuance. Cost for permit is \$200 per vehicle.

12' Wide

Travel authorized on all roads in North Carolina. Authorized time of movement is Monday through Sunday, sunrise to sunset unless otherwise stated on permit.

Overhang: Roof overhang beyond the 3" gutter edge will be considered as a 14' wide unit.

Height: 13'6" maximum height

Length: Total maximum vehicle combination length is 105'. Max length of home is 80' (76' unit and 4' tongue).

Axes: Mobile/modular unit shall be equipped with a minimum of two (2) braking axles in good working condition controlled and operated from inside the towing unit.

All wheels on the braking axle shall be equipped with operable brakes. Authorization of special axle exemption for the specific home is required to be carried in the pulling unit.

No escorts required (unless otherwise specified on permit)

14' Wide

Travel authorized on all roads in North Carolina with route origin being limited to a manufacturer or dealership. Restricted routes as indicated on fact sheet PF-8, posted roads and bridges must be observed. Authorized time of movement is Monday through Sunday, sunrise to sunset unless otherwise stated on permit.

Travel is NOT authorized within a 10 mile radius of the city limits of Charlotte, Raleigh, Durham or Chapel Hill between the hours of 7:00 am – 9:00 am and 4:00 pm – 6:00 pm.

Overhang: Roof overhang is limited to 12" gutter edge. Hinged roofs on the marriage side of a mobile/modular home section, creating overhang, must be included in the total

allowable 12" roof overhang. Bay windows, room extensions or porches may be transported provided they do not extend beyond the maximum 12" roof overhang or the total width of overhang on the appropriate side of the home. This allowance applies only if reflective extenders of a design and color approved by the Department of Transportation equal to the width of the roof overhang or protrusion are attached to the front and rear of the unit to clearly identify the total width of the unit.

Height: 13'6" maximum height

Length: 105' total maximum vehicle combination length. Max length of home is 80' (76' unit and 4' tongue).

Axles: Minimum of 3 axles required for units greater than 52' in length including 4' tongue measurement; two of which must be braking axles operated and controlled from inside the towing unit. HUD regulations

– 1 axle for each 6,000 lbs. Mobile/modular unit shall be equipped with a minimum of two (2) braking axles in good working condition controlled and operated from inside the towing unit. All wheels on the braking axle shall be equipped with operable brakes. Authorization of special axle exemption for the specific home is required to be carried in the pulling unit while traveling on all North Carolina highways.

Escorts: (unless otherwise specified on permit) See Publication E-9 for more information.

From manufacturer to dealer:

- * One front escort on 2 lane/2 way highways
- * One rear escort on multi-lane highways

From dealer to home site:

- * Front and rear escort on 2 lane/2way highways
- * One rear escort on multi-lane highways

16 ' Wide

Travel authorized for up to 30 specific routes of travel from one specified manufacturer to specific state licensed mobile/modular home dealerships (in-state and out-of-state).

Delivery and/or travel on primary routes with restrictions as indicated on the North Carolina Truck Network map and all secondary routes located west of Cleveland, Lincoln, Catawba, Iredell, Davie, Forsyth and Rockingham counties must include a Route Survey Form (PF-16A) from both the transporter and the certified escort driver for it to be considered a complete application. A copy of the NC Truck Network map is located on the Permit Unit website at <https://connect.ncdot.gov/business/trucking/Pages/overpermits.aspx>. Authorized time of movement is Monday through Saturday – 9:00am to 2:30pm unless otherwise stated on permit.

Overhang: Maximum 3" gutter edge

Height: 13'6" maximum height

Length: Total maximum vehicle combination length is 105'. Max length of home is 80' (76' unit and 4' tongue).

Axles: Minimum of 3 axles required for units greater than 52' in length including 4' tongue measurement; two of which must be braking axles operated and controlled from inside the towing unit. HUD regulations – 1 axle for each 6,000 lbs. Mobile/modular unit shall be equipped with a minimum of two (2) braking axles in good working condition controlled and operated from inside the towing unit. All wheels on the braking axle shall be equipped with operable brakes. Authorization of special axle exemption for the specific home is required to be carried in the pulling unit while traveling on all North Carolina highways.

Front and rear escorts on all highways

Types of Permits

Single Trip Permits

Single trip permits will be issued for a 10 calendar day period. When requested at time of application, the return trip may be included in the permit if such a permit can be made within the 10 days. Fee \$12 for each dimension over legal.

Annual

Permit is valid one (1) year from date of issuance. Cost for permit is \$185 per vehicle.

Exception is Manufactured Home or Frames for Manufactured Home annual permits \$100.00.

General non-divisible commodities include but are not limited to: boats, construction equipment, farm or business machinery, trusses, beams, girders, tanks, transformers, *self-propelled equipment and *sealed ship containers. * See section on these load types.

It is the responsibility of the permittee to reduce all over-dimension and/or overweight loads to the least possible dimension and weight prior to application for a permit. Permits are issued to the registered owner of the power unit with the license plate number and the last 5 digits of the VIN/serial number of the power unit.

Dimension Maximums

Width: 12' (exception: 14' wide farm equipment with special restrictions)

Height: 13'6" (legal)

Length: 105' maximum – permitted combination hauling one item or truck/tractor /53' semi-trailer combination hauling multiple items in line.

Weight: 132,000lbs.

Less than or equal to 90,000lbs valid for unlimited movement on all North Carolina highways, where permitted by the posted road and bridge limits for vehicle/vehicle combinations with a minimum extreme wheelbase of 51'.

More than 90,000lbs requires specific routes to be provided. Up to 10 routes may be requested per permit.

Power unit must have registered vehicle weight of 80,000 lbs. to obtain an overweight permit.

Gross Weights:

5 axles – 112,000lbs (94,500lbs for wheelbase < 51')

6 axles – 120,000lbs (108,000lbs for wheelbase < 51')

7 axles – 132,000lbs (122,000lbs for wheelbase < 51')

Axle Weights:

Steer – 20,000lbs

Single – 25,000lbs

Tandem – 50,000lbs

Tridem – 60,000lbs

Four or more grouping
– 68,000lbs

INFORMATION NEEDED TO ORDER A PERMIT

Name and address of registered owner of power unit, unit license number, last 5 digits of VIN number, description of load, date of move, point-of-entry to and point-of-exit from state highway system, desired routes, dimensions and gross weight. Self-propelled equipment requires schematics and axle weights and amount of overhang. FID number required for companies Social Security number required for individuals.

Escorts

When Escorts Are Needed:

Escorts

On 2-Lane Highways:

- Width over 12' up to 14'
- Width 14'1" - 15'

1 Front
1 Front/1 Rear

On Multi-Lane Highways:

- Width over 12' up to 15'

1 Rear

On All Highways:

- Width over 14'
- Width over 15'
- Length over 110'
- Length over 150'
- Height over 14'5"
- Weight of 150,000 or greater

2 (Front & Rear)
3 (Front, Rear, SHP)
1 Rear
2 (Front & Rear)
1 Front/Height Pole
1 Front

On Multi-Lane Highways:

- Height over 14'5"

1 Front

On All Highways:

- A mobile/modular in excess of 14' wide unit with allowable roof overhang exceeding 12" will be allowed on any interstate, US, NC or secondary road in NC.

1 Front

Maximum oversize width permitted on interstate is 16'.

I-40 Tunnel:

- Width over 14' & 110" long
- Height 13'11" and over eastbound and 14'2" westbound

1 SHP
1 Rear

Additional escorts may be required for any vehicle or vehicle combination with individual consideration of weight, width, length, height, weather, geographical location or route of travel as determined by issuing agent.

All escorts must be certified. If escort vehicle is licensed in North Carolina, it must have NC escort certification.

VEHICLE REQUIREMENTS

When escort vehicles are required, they will have signs of similar make-up either front or rear, with same wording front or rear as appropriate. Flashing amber lights a minimum of 4" diameter with 60 flashes per minute mounted on top of vehicle or at least 72" above ground and continuously operating when escorting a specially permitted load on the highway.

Signs, Flags, Lights

SIGNS

All loads in excess of 10' wide shall be equipped with a sign 7' wide and 18" high across the front bumper reading "Oversize Load" in black letters with 1-5/8" brush strokes and at least 10" high on yellow background. To be displayed front and rear.

FLAGS

Flags must be red, 18" square and displayed on all four corners of the load at widest part. On mobile homes, flags are required on all four corners.

NORTH CAROLINA

AMBER LIGHTS

Must be rotating sealed beam or strobe with a minimum 5" diameter base with minimum 4" lens. Escorts should be display lights in good working condition on top of the vehicle. Escorts for 16'W mobile/modular should ask for requirements from the state. Contact state for self-propelled requirements.

Insurance

Not applicable.

Weigh Stations

US 17 Hertford 7.5 miles N. of Hertford, 7.5 miles S. of Elizabeth City
I-26 Hendersonville 7 miles N. of Hendersonville
US 29/70 Spencer
I-40 Canton 12 miles W. of Asheville E. and W.
I-40 Statesville 6 miles W. of Statesville EB, WB
US 70 and US 258 Kinston just E. of NC 58 on US 70
I-77 Mount Airy 3 miles S. of VA State Line
I-85 Charlotte approx. 5 miles W. of Charlotte just E. of Catawba River M.M. 28, NB, SB
I-85 Hillsborough 15 miles W. of Durham W. of Hillsborough
I-95 Halifax Station 2.5 miles S. of NC 481 NB, SB

Holidays

No travel from noon the weekday preceding and until noon the weekday following on the below holidays for loads exceeding 112,000 lbs.:

Independence Day

Thanksgiving Day

Christmas Day

If holiday falls on Saturday or Sunday, the following Monday is considered a holiday. In addition to the above mentioned holidays, the State Permit Office will also be closed on New Year's Day, Martin Luther King Jr's Birthday, Good Friday, Memorial Day, Labor Day, and Veterans Day.

Restricted Travel

Loads over 12' wide travel restricted within a 10 mile radius of the following cities: Charlotte, Raleigh, Durham and Chapel Hill from 7:00 - 9:00 a.m. and 4:00 - 6:00 p.m.

Permit will not cover movements over roads or streets not maintained by the department. No movement will be allowed when weather conditions render visibility less than 500' for any person or vehicle, when ice or snow is on the highway or when wind velocity exceeds gusts of 25 m.p.h.

Loads greater than 14' wide are required to have a State Highway Patrol escort while traveling through tunnels.

Also, the following tunnel restrictions apply when traveling through the tunnels with height greater than 13'11" eastbound and 14'2" westbound –

- Only vehicle in the tunnel
- Drive down the centerline of the tunnel
- Reduce speed to 10 mph prior to entering the tunnel
- One rear escort required while in tunnel

WATERCRAFT CALL BEFORE YOU HAUL: If moving watercraft destined for any western state, the carrier shall contact Pacific States Marine Fisheries Commission (PSMFC) Call Before You Haul Hotline to make arrangements to have your watercraft inspected and if need be, decontaminated. This program aims to prevent aquatic invasive species spread. Toll-free number 1-844-311-4873 prior to hauling. Website: <https://www.westernais.org/callbeforeyouhaul>.

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:

Atlantic Beach, Wilmington

SPRING WEIGHT RESTRICTIONS

No restrictions.

Fines

A person (driver) operating a commercial motor vehicle carrying a load that is subject to oversize overweight permit requirements will have six (6) points rather than five (5) points added to their driving record if found guilty of:

- 1) Careless and reckless driving
- 2) Speeding in excess of 15 mph above either the posted speed limit or the restricted speed, if any, of the permit, or if no permit was obtained, the speed that would be applicable to the load if a permit had been obtained.

For each violation of any of the terms or conditions of a special permit the Department may assess a separate civil penalty against the registered owner of the vehicle as follows:

- 1) \$500 for operating without a permit, traveling off the authorized route, falsifying information to obtain a permit, or failing to comply with escort requirements.
- 2) \$250 for violation of transporting a legal height mobile home beyond the 25 mile radius of the mobile home dealer lot authorized by the co-issued dealer/transporter annual permit or operating in violation of time of travel restrictions.
- 3) \$100 for any other violation of the permit conditions or requirements imposed by applicable regulations.

****The Department of Transportation may refuse to issue additional permits, suspend existing permits or suspend or revoke permit privileges for repeated violations.****

Super Loads

Anything above normal permit issue may be considered as superload. (Weights in excess of 132,000 lbs., over 68,000 lbs. per 4 or more axle grouping, width 17' and over.) Fee \$100 review fee plus \$3.00 per 1,000 lbs. over 132,000 gross weight. \$12 for each over legal dimension. Travel from sunrise to sunset Monday through Saturday.

Applications including drawings, company name, weight on each axle, distance between each axle, overall dimensions and requested route of travel. Requires a minimum of 10 working days to process. Generally, allow 3 day for bridge review.

For more information please contact:

Comdata

(800) 749-7174

To obtain and order permits from Comdata please call:

(800) 749-7166

