

# NORTH CAROLINA

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## § 20-116. Size of vehicles and loads.

- a. (a) The total outside width of any vehicle or the load thereon shall not exceed 102 inches, except as otherwise provided in this section. When hogsheads of tobacco are being transported, a tolerance of six inches is allowed. When sheet or bale tobacco is being transported the load must not exceed a width of 114 inches at the top of the load and the bottom of the load at the truck bed must not exceed the width of 102 inches inclusive of allowance for load shifting or settling. Vehicles (other than passenger buses) that do not exceed the overall width of 102 inches and otherwise provided in this section may be operated in accordance with G.S. 20-115.1(c), (f), and (g).
- b. No passenger-type vehicle or recreational vehicle shall be operated on any highway with any load carried thereon extending beyond the line of the fenders on the left side of such vehicle nor extending more than six inches beyond the line of the fenders on the right side thereof.
- c. No vehicle, unladen or with load, shall exceed a height of 13 feet, six inches. Provided, however, that neither the State of North Carolina nor any agency or subdivision thereof, nor any person, firm or corporation, shall be required to raise, alter, construct or reconstruct any underpass, wire, pole, trestle, or other structure to permit the passage of any vehicle having a height, unladen or with load, in excess of 12 feet, six inches. Provided further, that the operator or owner of any vehicle having an overall height, whether unladen or with load, in excess of 12 feet, six inches, shall be liable for damage to any structure caused by such vehicle having a height in excess of 12 feet, six inches. The term "automobile transport" as used in this subsection shall mean only vehicles engaged exclusively in transporting automobiles, trucks and other commercial vehicles.
- d. Maximum Length. – The following maximum lengths apply to vehicles. A truck- tractor and semitrailer shall be regarded as two vehicles for the purpose of determining lawful length and license taxes.
  1. Except as otherwise provided in this subsection, a single vehicle having two or three axles shall not exceed 40 feet in length overall of dimensions inclusive of front and rear bumpers.

2. Trucks transporting unprocessed cotton from farm to gin shall not exceed 48 feet in length overall of dimensions inclusive of front and rear bumpers.
  3. Recreational vehicles shall not exceed 45 feet in length overall, excluding bumpers and mirrors.
- e. Except as provided by G.S. 20-115.1, no combination of vehicles coupled together shall consist of more than two units and no such combination of vehicles shall exceed a total length of 60 feet inclusive of front and rear bumpers, subject to the following exceptions: Said length limitation shall not apply to vehicles operated in the daytime when transporting poles, pipe, machinery or other objects of a structural nature which cannot readily be dismembered, nor to such vehicles transporting such objects operated at nighttime by a public utility when required for emergency repair of public service facilities or properties, but in respect to such night transportation every such vehicle and the load thereon shall be equipped with a sufficient number of clearance lamps on both sides and marker lamps upon the extreme ends of said projecting load to clearly mark the dimensions of such load: Provided that vehicles designed and used exclusively for the transportation of motor vehicles shall be permitted an overhang tolerance front or rear not to exceed five feet. Provided, that wreckers in an emergency may tow a combination tractor and trailer to the nearest feasible point for repair and/or storage: Provided, however, that a combination of a house trailer used as a mobile home, together with its towing vehicle, shall not exceed a total length of 55 feet exclusive of front and rear bumpers. Provided further, that the said limitation that no combination of vehicles coupled together shall consist of more than two units shall not apply to trailers not exceeding three in number drawn by a motor vehicle used by municipalities for the removal of domestic and commercial refuse and street rubbish, but such combination of vehicles shall not exceed a total length of 50 feet inclusive of front and rear bumpers. Provided further, that the said limitation that no combination of vehicles coupled together shall consist of more than two units shall not apply to a combination of vehicles coupled together by a saddle mount device used to transport motor vehicles in a driveway service when no more than three saddle mounts are used and provided further, that equipment used in said combination is approved by the safety regulations of the Federal Highway Administration and the safety rules of the Department of Crime Control and Public Safety.
- f. The load upon any vehicle operated alone, or the load upon the front vehicle of a combination of vehicles, shall not extend more than three feet

beyond the foremost part of the vehicle. Under this subsection "load" shall include the boom on a self-propelled vehicle. A utility pole carried by a self-propelled pole carrier may extend beyond the front overhang limit set in this subsection if the pole cannot be dismembered, the pole is less than 80 feet in length and does not extend more than 10 feet beyond the front bumper of the vehicle, and either of the following circumstances apply:

1. It is daytime and the front of the extending load of poles is marked by a flag of the type required by G.S. 20-117 for certain rear overhangs.
2. It is nighttime, operation of the vehicle is required to make emergency repairs to utility service, and the front of the extending load of poles is marked by a light of the type required by G.S. 20-117 for certain rear overhangs. As used in this subsection, a "self-propelled pole carrier" is a vehicle designed to carry a pole on the side of the vehicle at a height of at least five feet when measured from the bottom of the brace used to carry the pole. A self-propelled pole carrier may not tow another vehicle when carrying a pole that extends beyond the front overhang limit set in this subsection.
3. No vehicle shall be driven or moved on any highway unless the vehicle is constructed and loaded to prevent any of its load from falling, blowing, dropping, sifting, leaking, or otherwise escaping therefrom, and the vehicle shall not contain any holes, cracks, or openings through which any of its load may escape. However, sand may be dropped for the purpose of securing traction, or water or other substance may be sprinkled, dumped, or spread on a roadway in cleaning or maintaining the roadway. For purposes of this subsection, load does not include water accumulated from precipitation.
4. A truck, trailer, or other vehicle licensed for more than 7,500 pounds gross vehicle weight that is loaded with rock, gravel, stone, or any other similar substance, other than sand, that could fall, blow, leak, sift, or drop shall not be driven or moved on any highway unless:
  - a. The height of the load against all four walls does not extend above a horizontal line six inches below their tops when loaded at the loading point; and
  - b. The load is securely covered by tarpaulin or some other suitable covering to prevent any of its load from

falling, dropping, sifting, leaking, blowing, or otherwise escaping therefrom.

5. A truck, trailer, or other vehicle:
  - a. Licensed for any gross vehicle weight and loaded with sand; or
  - b. Licensed for 7,500 pounds or less gross vehicle weight and loaded with rock, gravel, stone, or any other similar substance that could fall, blow, leak, sift, or drop; shall not be driven or moved on any highway unless:
    - a. The height of the load against all four walls does not extend above a horizontal line six inches below the top when loaded at the loading point;
    - b. The load is securely covered by tarpaulin or some other suitable covering; or
    - c. The vehicle is constructed to prevent any of its load from falling, dropping, sifting, leaking, blowing, or otherwise escaping therefrom.
6. This section shall not be applicable to or in any manner restrict the transportation of seed cotton, poultry or livestock, or silage or other feed grain used in the feeding of poultry or livestock.
- g. Whenever there exist two highways of the State highway system of approximately the same distance between two or more points, the Department of Transportation may, when in the opinion of the Department of Transportation, based upon engineering and traffic investigation, safety will be promoted or the public interest will be served, designate one of the highways the "truck route" between those points, and to prohibit the use of the other highway by heavy trucks or other vehicles of a gross vehicle weight or axle load limit in excess of a designated maximum. In such instances the highways selected for heavy vehicle traffic shall be designated as "truck routes" by signs conspicuously posted, and the highways upon which heavy vehicle traffic is prohibited shall likewise be designated by signs conspicuously posted showing the maximum gross vehicle weight or axle load limits authorized for those highways. The operation of any vehicle whose gross vehicle weight or axle load exceeds the maximum limits shown on signs over the posted highway shall constitute a Class 2 misdemeanor:  
Provided, that nothing in this subsection shall prohibit a truck or other

motor vehicle whose gross vehicle weight or axle load exceeds that prescribed for those highways from using them when its destination is located solely upon that highway, road or street: Provided, further, that nothing in this subsection shall prohibit passenger vehicles or other light vehicles from using any highways designated for heavy truck traffic.

- h. Repealed by Session Laws 1973, c. 1330, s. 39.
- i. Self-propelled grain combines or other farm equipment self- propelled, pulled or otherwise, not exceeding 18 feet in width may be operated on any highway, except a highway or section of highway that is a part of the National System of Interstate and Defense Highways: Provided that all such combines or equipment which exceed 10 feet in width may be so operated only under the following conditions:
  - 1. Said equipment may only be so operated during daylight hours; and
  - 2. Said equipment must display a red flag on front and rear, said flags shall not be smaller than three feet wide and four feet long and be attached to a stick, pole, staff, etc., not less than four feet long and shall be so attached to said equipment as to be visible from both directions at all times while being operated on the public highway for not less than 300 feet; and
  - 3. Equipment covered by this section, which by necessity must travel more than 10 miles or where by nature of the terrain or obstacles the flags referred to in subdivision (2) are not visible from both directions for 300 feet at any point along the proposed route, must be preceded at a distance of 300 feet and followed at a distance of 300 feet by a flagman in a vehicle having mounted thereon an appropriate warning light or flag. No flagman in a vehicle shall be required pursuant to this subdivision if the equipment is being moved under its own power or on a trailer from any field to another field, or from the normal place of storage of the vehicle to any field, for no more than ten miles and if visible from both directions for 300 feet at any point along the proposed route.
  - 4. Every such piece of equipment so operated shall operate to the right of the center line when meeting traffic coming from the opposite direction and at all other times when possible and practical.
  - 5. Violation of this section shall not constitute negligence per se.
  - 6. When said equipment is causing a delay in traffic, the operator of said equipment shall move the equipment off the paved

portion of the highway at the nearest practical location until the vehicles following said equipment have passed.

- j. Nothing in this section shall be construed to prevent the operation of passenger buses having an overall width of 102 inches, exclusive of safety equipment, upon the highways of this State which are 20 feet or wider and that are designated as the State primary system, or as municipal streets, when, and not until, the federal law and regulations thereunder permit the operation of passenger buses having a width of 102 inches or wider on the National System of Interstate and Defense Highways.