

1 19A NCAC 02D .0607 is proposed for readoption without substantive changes as follows:

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3 **19A NCAC 02D .0607 ~~PERMITS WEIGHT, DIMENSIONS AND LIMITATIONS~~ PERMITS -**  
4 **MOVEMENT AND TRAVEL REQUIREMENTS**

5 (a) Movement of all vehicles and vehicle combinations subject to this Section shall adhere to the following  
6 requirements.

7 (1) Movement shall be made between sunrise and sunset. Sunday travel may be authorized from sunrise  
8 to sunset after consideration of the vehicle or vehicle combination dimensions. Movement shall be  
9 permitted Monday through Saturday from 9:00 a.m. to 2:30 p.m. for 16-foot-wide mobile or modular  
10 home units with a maximum 3-inch gutter edge. Movement of a 16-foot-wide mobile or modular  
11 home unit with a maximum 3-inch gutter edge may occur after 2:30 p.m., but not beyond sunset, if  
12 the unit shall be traveling on an approved route as determined by an engineering study and exported  
13 out-of-state. Considerations of safety and traffic flow may require the issuing office to impose  
14 additional time restrictions or allowances.

15 (2) No movement shall be permitted for a vehicle or vehicle combination after 12:00 p.m. on the  
16 weekday preceding and until 12:00 p.m. on the weekday following Independence Day,  
17 Thanksgiving Day, and Christmas Day. If Independence Day, Thanksgiving Day, or Christmas Day  
18 fall on a Saturday or Sunday, travel is restricted from 12:00 p.m. on the preceding Friday until 12:00  
19 p.m. on the following Monday.

20 (3) Continuous travel occurring 24 hours a day, each day per year, shall not be authorized for vehicle  
21 or vehicle combinations with a gross weight in excess of 112,000 pounds. Self-propelled equipment  
22 may be authorized for continuous travel if the overhang is less than 10 feet in length. The overhang  
23 shall be marked on both sides and end with high-intensity, glass-bead, retro-reflective sheeting tape.  
24 Each side of the self-propelled equipment shall be marked 24 inches from the road surface at the  
25 nearest feasible center point, between the steer and drive axles. The sheeting tape shall be 2 inches  
26 by 12 inches. Any rear overhang shall display a mounted brake light and flashing amber light, 8  
27 inches in diameter with a minimum candlepower of 800 watts.

28 (4) Permitted vehicles owned or leased by the same company or permitted vehicles originating at the  
29 same location shall travel no less than two miles apart. Convoy travel shall not be authorized except  
30 as directed by law enforcement escort or permit office.

31 (5) Blades of construction equipment and front-end loader buckets shall not extend more than 14 feet  
32 across the roadway. A blade, bucket, or other attachment that is an original part of the manufactured  
33 equipment may be removed and hauled with the equipment without being considered a divisible  
34 load.

35 (6) Permitted vehicle or vehicle combination movements shall not travel at a speed in excess of the  
36 posted speed limit. The issuing office shall be permitted to impose speed restrictions below the  
37 posted speed limit considering safety and load. A towing unit and mobile or modular home

1 combination shall not exceed a maximum speed of 60 miles per hour. The driver of the permitted  
2 vehicle shall avoid creating traffic congestion by relinquishing the traffic way when a buildup of  
3 traffic occurs.

4 (7) The object to be transported shall not be loaded or parked on the highway right of way without  
5 permission from the office that originally issued the permit and after confirmation of an emergency  
6 condition.

7 (8) No movements shall be made when visibility is less than 500 feet. Moves shall not be made when  
8 travel conditions are considered unsafe by the Division of Highways, State Highway Patrol, or other  
9 law enforcement officers having jurisdiction. Movement of a mobile or modular unit that exceed a  
10 width of 10 feet shall be prohibited if wind speed gusts are in excess of 25 miles per hour.

11 (9) The mover shall be responsible for any expenses, arrangements, or approvals associated with  
12 removing or replacing any obstructions, including traffic signals, signs, and utility lines. Trees,  
13 shrubs, or official signs shall not be cut, trimmed, or removed without approval from the Division  
14 of Highways District Engineer having jurisdiction over the area involved. In determining whether  
15 to grant approval, the District Engineer shall consider the species, age, and appearance of the tree  
16 or shrub in question and its contribution to the aesthetics of the area.

17 ~~The State Highway Administrator or his designee may issue a vehicle specific single trip permit for vehicle and vehicle~~  
18 ~~combinations with non-divisible overwidth loads limited to a maximum width of 15 feet under the conditions specified~~  
19 ~~in this Rule. The State Highway Administrator or his designee may authorize the issuance of a permit for movement~~  
20 ~~of load width in excess of 15 feet in accordance with 19A NCAC 02D .0600 after analysis of the proposed load and~~  
21 ~~evaluation of the proposed route of travel. However, a mobile or modular unit is limited to a maximum width of 16~~  
22 ~~feet and a 3 inch gutter edge.~~

23 (b) Movement of all vehicles and vehicle combinations subject to this Section shall adhere to the following safety  
24 requirements.

25 (1) A yellow banner measuring a total length of 7 feet x 18 inches high bearing the legend "Oversize  
26 Load" in 10-inch black letters 1.5-inch-wide brush stroke shall be displayed in one or two pieces  
27 totaling the required length on the front and rear bumpers of a permitted vehicle and vehicle  
28 combination with a width greater than 10 feet. A towing unit mobile or modular home combination  
29 shall display banners of the size specified bearing the legend "Oversize ---- feet Load" identifying  
30 the actual width of the unit in transport. Escort vehicles shall display banners as specified in this  
31 Subparagraph with the exception of length to extend the entire width of the bumpers.

32 (2) Red or orange flags measuring 18 inches square shall be displayed on all sides at the widest point  
33 of load for all loads in excess of 8 feet 6 inches wide, but the flags shall be mounted so as not to  
34 increase the overall width of the load.

35 (3) All permitted vehicles and vehicle combinations shall be equipped with tires of the size specified  
36 and the required number of axles equipped with operable brakes in good working condition as

1 provided in North Carolina Statutes and Motor Carrier and Housing and Urban Development (HUD)  
2 regulations.

3 (4) Rear view mirrors and other safety devices on towing units attached for movement of overwidth  
4 loads shall be removed or retracted to conform with legal width when unit is not towing or hauling  
5 such vehicle or load.

6 (5) Flashing amber lights shall be used as determined by the issuing permit office.

7 An annual oversize and overweight permit may be issued as follows:

8 ~~(1) for unlimited movement without the requirement of an escort on all North Carolina highways, where~~  
9 ~~permitted by the posted road and bridge limits, for vehicle and vehicle combinations transporting a~~  
10 ~~general non-divisible commodity which has a minimum extreme wheelbase of 51 feet and does not~~  
11 ~~exceed:~~

12 ~~(A) width of 12 feet;~~

13 ~~(B) height of 13 feet, 6 inches;~~

14 ~~(C) length of 105 feet;~~

15 ~~(D) gross weight of 90,000 pounds; and~~

16 ~~(E) axle weights of 20,000 pounds steer axle, 25,000 pounds single axle, 50,000 pounds~~  
17 ~~tandem axle, 60,000 pounds tridem axle and 68,000 pounds for a four or more axle~~  
18 ~~grouping.~~

19 ~~(2) for unlimited movement without the requirement of an escort on all North Carolina highways, where~~  
20 ~~permitted by the posted road and bridge limits, for four or five axle self-propelled equipment or~~  
21 ~~special mobile equipment, defined as a non-property hauling vehicle, which has permanently~~  
22 ~~attached equipment, that is operated on the highway only for the purpose of traveling to and from a~~  
23 ~~non-highway job and is licensed as special mobile equipment by the Division of Motor Vehicles,~~  
24 ~~capable of traveling at a highway speed of 45 miles per hour which has a minimum wheel base of~~  
25 ~~30 feet and which does not exceed:~~

26 ~~(A) width of 12 feet;~~

27 ~~(B) height of 13 feet, 6 inches;~~

28 ~~(C) length of 105 feet;~~

29 ~~(D) gross weight of 90,000 pounds; and~~

30 ~~(E) axle weights of 20,000 pounds steer axle, 25,000 pounds single axle, 50,000 pounds~~  
31 ~~tandem axle, 60,000 pounds tridem axle and 68,000 pounds for a four or more axle~~  
32 ~~grouping.~~

33 ~~(3) for unlimited movement with the requirement of an escort vehicle on all North Carolina highways,~~  
34 ~~where permitted by the posted bridge and load limits, for vehicles and vehicle combinations~~  
35 ~~transporting farm equipment and which does not exceed:~~

36 ~~(A) a width of 14 feet;~~

37 ~~(B) a height of 13 feet 6 inches; and~~

1           (C) — a weight as set forth in G.S. 20-118(b)(3).

2           (4) — with the requirement of an escort for mobile or modular homes with a maximum height of 13 feet 6  
3           inches being transported from a manufacturer to a North Carolina mobile or modular home  
4           dealership with a unit width not to exceed 14 feet with an allowable roof overhang not to exceed a  
5           total unit width of 12 inches or 16 feet with a 3 inch gutter edge. These mobile or modular homes  
6           shall be authorized to travel on designated routes approved by the Department of Transportation  
7           considering construction work zones, highway lane widths, origin and destination or other factors  
8           to ensure safe movement.

9           (5) — with the requirement of an escort to a North Carolina licensed mobile or modular home retail dealer  
10           and the transporter for delivery of mobile or modular homes not to exceed a maximum unit width  
11           of 14 feet with a total roof overhang not to exceed 12 inches and a height of 13 feet 6 inches. The  
12           annual permit shall be valid for delivery of mobile or modular homes within a maximum 25 mile  
13           radius of the dealer location. Confirmation of destination for delivery shall be carried in the  
14           permitted towing unit readily available for law enforcement inspection.

15           (6) — for unlimited movement without the requirement of an escort on all North Carolina highways, where  
16           permitted by the posted road and bridge limits, for vehicle and vehicle combinations transporting  
17           non-divisible commodities which do not exceed:

18           (A) — width of 12 feet;

19           (B) — length as set forth in G.S. 20-115.1(b) and G.S. 20-116(e) but not to exceed 105 feet;

20           (C) — height of 13 feet 6 inches;

21           (D) — gross weight and axle weights as set forth in G.S. 20-118(b)(1)(2)(3).

22           (e) A 14 foot wide mobile or modular home unit may be transported with a bay window, room extension, or porch  
23           providing the protrusion does not extend beyond the maximum 12 inches of roof overhang or the total width of  
24           overhang on the applicable side of the home. An extender shall be placed on the front and rear of the mobile or  
25           modular home with a length to extend horizontally equal to but not beyond the extreme outermost edge of the home's  
26           extension. The extenders shall have retro-reflective sheeting, a minimum of 4 inches, which shall be Type III high  
27           intensity (encapsulated lens) or Type IV high performance (prismatic) with alternating fluorescent yellow and black  
28           diagonal stripes sloping towards the outside of the home with a minimum area of 288 square inches. The bottom of  
29           the extenders shall be 6 feet to 8 feet above the road surface with a 5 inch amber flashing beacon mounted on the top  
30           of each extender.

31           (d) The maximum weight permitted on a designated route is determined by the bridge capacity of bridges to be crossed  
32           during movement. The route traveled from an origin to a destination must be included within one permitted route of  
33           travel. Moves exceeding weight limits for highways or bridge structures shall be denied if considered by the issuing  
34           agent to be unsafe or if they may cause damage to the highway or structure. A surety bond shall be required if the  
35           Department determines it is necessary to cover the cost of potential damage to pavement, bridges or other damages  
36           incurred during the permitted move.

37           (e) The maximum permissible weights for non-divisible loads are as follows:

1 ~~(1) The maximum single trip and annual permit weight allowed for a vehicle or vehicle combination~~  
2 ~~not including off highway construction equipment is:~~

3 ~~(A) Steer Axle 20,000 pounds;~~

4 ~~(B) Single axle 25,000 pounds;~~

5 ~~(C) Tandem axle 50,000 pounds;~~

6 ~~(D) Tridem axle 60,000 pounds;~~

7 ~~(E) Four or more axle group 68,000 pounds;~~

8 ~~(F) Five or more axle group exceeding 68,000 pounds requires an engineering study;~~

9 ~~(G) Three axle single vehicle may have a maximum gross weight up to 70,000 pounds;~~

10 ~~(H) Four axle single vehicle may have a maximum gross weight up to 90,000 pounds;~~

11 ~~(I) Five axle single vehicle may have a maximum gross weight up to 94,500 pounds;~~

12 ~~(J) Five axle vehicle combination may have a maximum gross weight up to 112,000 pounds;~~

13 ~~(K) Six axle single vehicle may have a maximum gross weight up to 108,000 pounds;~~

14 ~~(L) Six axle vehicle combination may have a maximum gross weight up to 120,000 pounds;~~

15 ~~(M) Seven axle single vehicle may have a maximum gross weight up to 122,000 pounds;~~

16 ~~(N) Seven axle vehicle combination may have a maximum gross weight up to 132,000 pounds;~~

17 ~~and~~

18 ~~(O) Seven or more axle vehicle combination with a gross weight exceeding 132,000 pounds~~  
19 ~~requires an engineering study.~~

20 ~~(2) The maximum permit weight allowed for self propelled off highway construction equipment with~~  
21 ~~low pressure or low flotation tires is:~~

22 ~~(A) Single axle 37,000 pounds;~~

23 ~~(B) Tandem axle 50,000 pounds;~~

24 ~~(C) Two axle single vehicle may have a maximum gross weight up to 70,000 pounds;~~

25 ~~(D) Three axle single vehicle may have a maximum gross weight up to 80,000 pounds; and~~

26 ~~(E) Four axle single vehicle may have a maximum gross weight up to 90,000 pounds.~~

27 ~~(3) A vehicle combination consisting of a power unit and trailer hauling a sealed ship container may~~  
28 ~~qualify for a specific route overweight permit provided the vehicle:~~

29 ~~(A) Is going to or from a designated seaport (to include in state and out of state) and has been~~  
30 ~~or shall be transported by marine shipment;~~

31 ~~(B) Is licensed for the maximum allowable weight for a 51 feet extreme wheelbase~~  
32 ~~measurement specified in G.S. 20-118;~~

33 ~~(C) Does not exceed maximum dimensions of width, height and length specified in G.S. 20-~~  
34 ~~116;~~

35 ~~(D) Is a vehicle combination with at least five axles; and~~

36 ~~(E) Has proper documentation (shippers bill of lading or trucking bill of lading) of sealed~~  
37 ~~commodity being transported available for law enforcement officer inspection.~~

1 ~~(f) Overlength permits shall be limited as follows:~~

2 ~~(1) Single trip permits are limited to 105 feet inclusive of the towing vehicle. Approval may be given~~  
3 ~~by the Central Permit Office for permitted loads in excess of 105 feet after review of geographic~~  
4 ~~route of travel, consideration of local construction projects and other dimensions of the load;~~

5 ~~(2) Mobile or modular home units shall not exceed a length of 76 feet and a total overall length inclusive~~  
6 ~~of the towing vehicle of 105 feet; and~~

7 ~~(3) Annual (blanket) permits shall not be issued for lengths to exceed 105 feet.~~

8 ~~(g) An Overheight Permit Application for heights in excess of 14 feet must be submitted in writing to the Central~~  
9 ~~Permit Office at least two working days prior to the anticipated date of movement. An Overheight Permit Application~~  
10 ~~for heights 14 feet and less must be submitted in writing or verbally to the Central Permit Office. The issuance of the~~  
11 ~~permit does not imply nor guarantee the clearance for the permitted load and all vertical clearances shall be checked~~  
12 ~~by the permittee prior to movement underneath.~~

13 ~~(h) Movement of all vehicles and vehicle combinations subject to this Rule shall be made as follows:~~

14 ~~(1) Movement shall be made between sunrise and sunset Monday through Saturday. Sunday travel may~~  
15 ~~be authorized from sunrise to sunset after consideration of the overall permitted dimensions.~~  
16 ~~Exception: A 16 foot wide mobile or modular home unit with a maximum 3 inch gutter edge is~~  
17 ~~restricted to travel from 9:00 a.m. to 2:30 p.m. Monday through Saturday. A 16 foot wide unit is~~  
18 ~~authorized to continue operation after 2:30 p.m., but not beyond sunset, when traveling on an~~  
19 ~~approved route as determined by an engineering study and the unit is being exported out of state.~~  
20 ~~Additional time restrictions may be set by the issuing office if it is in the best interest for safety or~~  
21 ~~to expedite flow of traffic.~~

22 ~~(2) No movement is permitted for a vehicle and vehicle combination after noon on the weekday~~  
23 ~~preceding the six holidays of New Year's Day, Memorial Day, Independence Day, Labor Day,~~  
24 ~~Thanksgiving Day and Christmas Day until noon on the weekday following a holiday. If the~~  
25 ~~observed holiday falls on the weekend, travel is restricted from 12:00 noon on the preceding Friday~~  
26 ~~until 12:00 noon on the following Monday.~~

27 ~~(3) Continuous travel (24 hours a day, 7 days a week, 365 days per year) is authorized for any vehicle~~  
28 ~~and vehicle combination up to but not to exceed a permitted gross weight of 112,000 pounds~~  
29 ~~provided the permitted vehicle has no other over legal dimension of width, height or length included~~  
30 ~~in the permitted move. Exception: Self propelled equipment may be authorized for continuous~~  
31 ~~travel with overhang (front or rear or both) not to exceed a total of 10 feet provided overhang is~~  
32 ~~marked with high intensity glass bead retro reflective sheeting tape measuring 2 inches by 12 inches~~  
33 ~~displayed on both sides and the end of the extension and on each side of the self propelled vehicle~~  
34 ~~24 inches from the road surface at nearest feasible center point between the steer and drive axles.~~  
35 ~~Any rear overhang must display a mounted brake light and a flashing amber light, 8 inches in~~  
36 ~~diameter with a minimum candlepower of 800 watts.~~

1 ~~(4) Permitted vehicles owned or leased by the same company or permitted vehicles originating at the~~  
2 ~~same location shall travel at a distance of not less than two miles apart. Convoy travel is not~~  
3 ~~authorized except as directed by law enforcement escort.~~

4 ~~(5) If blades of construction equipment or front end loader buckets cannot be angled to extend no more~~  
5 ~~than 14 feet across the roadway, they shall be removed. A blade, bucket or other attachment that is~~  
6 ~~an original part of the equipment as manufactured may be removed and hauled with the equipment~~  
7 ~~without being considered a divisible load.~~

8 ~~(6) The speed of permitted moves shall be that which is reasonable and prudent for the load, considering~~  
9 ~~weight and bulk, under conditions existing at the time; however, the maximum speed shall not~~  
10 ~~exceed the posted speed limit. A towing unit and mobile or modular home combination shall not~~  
11 ~~exceed a maximum speed of 60 miles per hour. The driver of the permitted vehicle shall avoid~~  
12 ~~creating traffic congestion by periodically relinquishing the traffic way to allow the passage of~~  
13 ~~following vehicles when a build up of traffic occurs.~~

14 ~~(7) The object to be transported shall not be loaded or parked, day or night, on the highway right of way~~  
15 ~~without permission from the office issuing the permit after confirmation of an emergency condition.~~

16 ~~(8) No move shall be made when weather conditions render visibility less than 500 feet for a person or~~  
17 ~~vehicle. Moves shall not be made when travel conditions are considered unsafe by the Division of~~  
18 ~~Highways, State Highway Patrol or other Law Enforcement Officers having jurisdiction. Movement~~  
19 ~~of a mobile or modular unit exceeding a width of 10 feet is prohibited when wind velocities exceed~~  
20 ~~25 miles per hour in gusts.~~

21 ~~(9) All obstructions, including traffic signals, signs and utility lines shall be removed prior to and~~  
22 ~~replaced after the move at the expense of the mover, provided arrangements for and approval from~~  
23 ~~the owner is obtained. Trees, shrubs, or official signs shall not be cut, trimmed or removed without~~  
24 ~~approval from the Division of Highways District Engineer having jurisdiction over the area~~  
25 ~~involved. In determining whether to grant approval, the district engineer shall consider the species,~~  
26 ~~age and appearance of the tree or shrub in question and its contribution to the aesthetics of the area.~~

27 ~~(10) The Department of Transportation may require escort vehicles to accompany oversize or overweight~~  
28 ~~loads. The weight, width of load, width of pavement, height, length of combination, length of~~  
29 ~~overhang, maximum speed of vehicle, geographical route of travel, weather conditions and restricted~~  
30 ~~time of travel shall be considered to determine escort requirements.~~

31 ~~(i) Additional safety measures are as follows:~~

32 ~~(1) A yellow banner measuring a total length of 7 feet x 18 inches high bearing the legend "Oversize~~  
33 ~~Load" in 10 inch black letters 1.5 inch wide brush stroke shall be displayed in one or two pieces~~  
34 ~~totaling the required length on the front and rear bumpers of a permitted vehicle and vehicle~~  
35 ~~combination with a width greater than 10 feet. A towing unit mobile or modular home combination~~  
36 ~~shall display banners of the size specified bearing the legend "Oversize — feet Load" identifying~~

1           ~~the actual width of the unit in transport. Escort vehicles shall display banners as specified in this~~  
2           ~~Subparagraph with the exception of length to extend the entire width of the bumpers;~~

3           ~~(2) — Red or orange flags measuring 18 inches square shall be displayed on all sides at the widest point~~  
4           ~~of load for all loads in excess of 8 feet 6 inches wide but the flags shall be mounted so as not to~~  
5           ~~increase the overall width of the load;~~

6           ~~(3) — All permitted vehicles and vehicle combinations shall be equipped with tires of the size specified~~  
7           ~~and the required number of axles equipped with operable brakes in good working condition as~~  
8           ~~provided in North Carolina Statutes and Motor Carrier and Housing and Urban Development (HUD)~~  
9           ~~regulations;~~

10          ~~(4) — Rear view mirrors and other safety devices on towing units attached for movement of overwidth~~  
11          ~~loads shall be removed or retracted to conform with legal width when unit is not towing or hauling~~  
12          ~~such vehicle or load; and~~

13          ~~(5) — Flashing amber lights shall be used as determined by the issuing permit office.~~

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15    *History Note: Authority G.S. 20-116; 20-118; 20-119; 136-18(5); Board of Transportation Minutes for February*  
16                    *16, ~~1977~~ 1977, and November 10, 1978;*  
17                    *Eff. July 1, 1978;*  
18                    *Amended Eff. October 1, 1994; December 29, 1993; October 1, 1991; October 1, 1990;*  
19                    *Temporary Amendment Eff. January 10, 2002; December 31, 2000; October 1, 2000;*  
20                    *Amended Eff. August 1, 2012; June 1, 2010; April 1, 2009; August 1, 2002.*