

# North Carolina Truck Network for NC State Highway Patrol Troop E

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MAPPING SECTION  
N.C. DEPARTMENT OF TRANSPORTATION



## LEGEND

- DESIGNATED FOR STAA DIMENSIONED VEHICLES (INCLUDES TWINS AND 53 FOOT TRAILERS) THREE MILE REASONABLE ACCESS ALLOWED OFF THESE ROUTES UNLESS OTHERWISE POSTED OR RESTRICTED
- NON-DESIGNATED PRIMARY HIGHWAYS (53 FOOT TRAILERS-ONLY) THREE MILE REASONABLE ACCESS ALLOWED OFF THESE ROUTES UNLESS OTHERWISE POSTED OR RESTRICTED NO TWINS UNLESS AUTHORIZED BY REASONABLE ACCESS PERMIT
- TRUCK RESTRICTED ROUTE (SEE NC TRUCK RESTRICTIONS TABLE)  
Table Link: [www.ncdot.org/itimg/graphics/NCTruckNetwork/nctruckrestrx.pdf](http://www.ncdot.org/itimg/graphics/NCTruckNetwork/nctruckrestrx.pdf)
- - - NON-DESIGNATED PRIMARY HIGHWAYS (53 FOOT TRAILERS-ONLY) THREE MILE REASONABLE ACCESS ALLOWED OFF THESE ROUTES UNLESS OTHERWISE POSTED OR RESTRICTED ROUTE IS UNDER STUDY/REVIEW-MAY BE RESTRICTED AT A FUTURE DATE  
Maps: [www.ncdot.org/itimg/DataDistribution/StatewideMaps/default.html](http://www.ncdot.org/itimg/DataDistribution/StatewideMaps/default.html)  
Applications for Reasonable Access & Route Designation:  
[www.ncdot.org/doh/precontract/traffic/safety/TSI/](http://www.ncdot.org/doh/precontract/traffic/safety/TSI/)



## General Statutes Applicable to CMV's

Losing Load from vehicle...Operate a vehicle which was not so constructed or loaded as to prevent its load from dropping, shifting, leaking, or otherwise escaping there from. **GS 20-116(g)(1)**

Red/Orange Flag at the End of Load...by failing to display a red/orange flag or light at the end of a load as required by **GS 20-117** (required when the load extends over four feet past rear bumper)

Operating more than two vehicles in combination...Did operate a vehicle consisting of more than two units **GS 20-116(e)** (check for exemptions i.e. twin trailers on STAA routes)

Exceed Maximum Height...did operate a vehicle unladen or with load which exceeded the height of 13 feet 6 inches. **GS 20-116(c)**

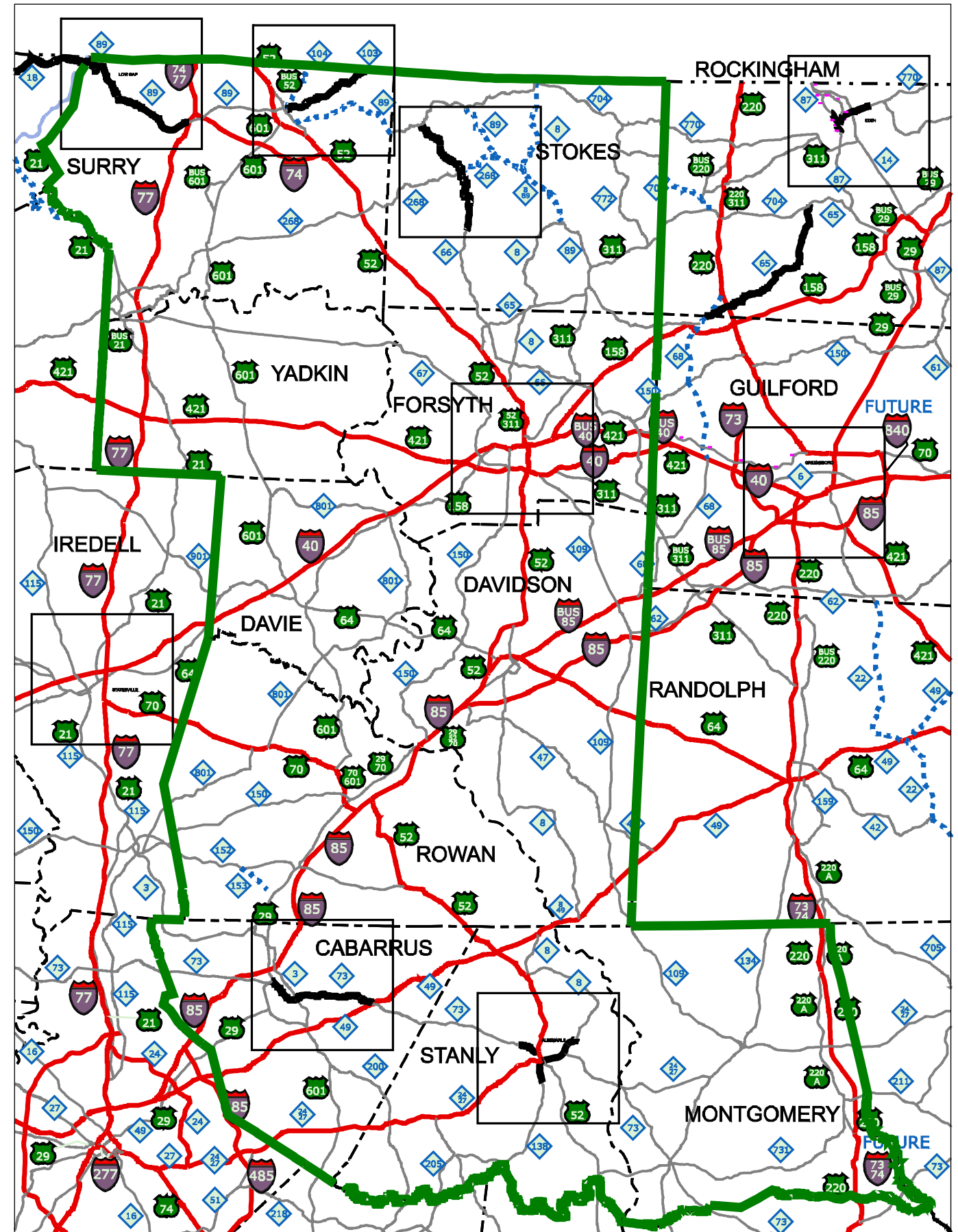
Single Trailers in excess of 48' and Twin Trailers off approved Truck Network...Did operate a vehicle in excess of 60 feet in length while being more than three miles off an approved STAA route without a permit. **GS 20-116(e)**

NOTE: If you stop a twin trailer or single trailer in excess of 48' over 3 miles from an approved Truck Network route, charge him with **GS-116(e)**; and if you measure from the kingpin of the trailer to rearmost axle, or a point midway between the two rear axles and if the two axles are tandem axle and the distance is over 41 feet, charge him with both **GS 20-116(e)** and **GS 20-115(2)a**. Exemption for trailers used for motorsport competition events.

Snaking Trailers....While towing a trailer, or semi-trailer or other towed vehicle which was not firmly attached so as to prevent said vehicle from snaking or traveling in the direct path of the vehicle drawing or towing the same. **GS 20-123(b)**

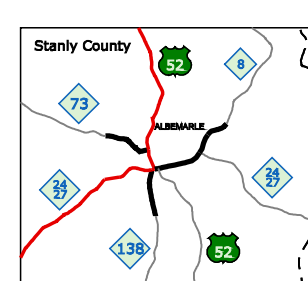
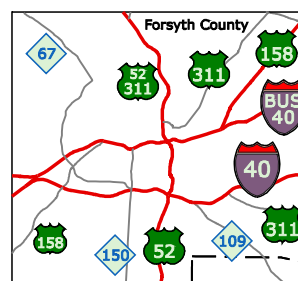
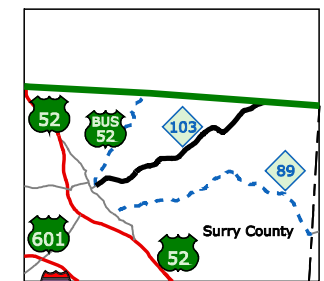
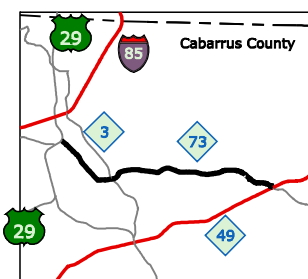
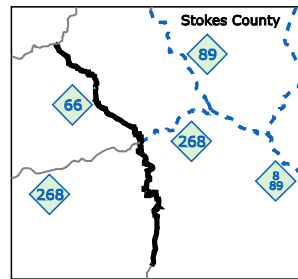
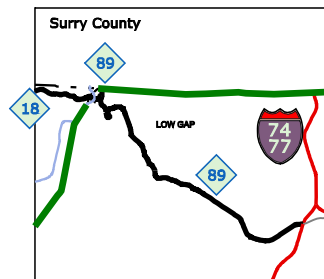
Operate CMV after consuming Alcohol...operate a commercial motor vehicle while consuming alcohol or while alcohol remains in his/her body. **GS 20-138.2A**

Commercial Drivers License Required...Operate a commercial motor vehicle without having been issued and having in his/her possession a commercial driver's license with all applicable endorsements for the type motor vehicle being operated. **GS 20-37.12(a)**



## North Carolina Truck Restrictions For Troop E

Road On	County	Type	Description	Ordinance	Effective
I 40	FORSYTH	Truck Lane Restriction	Single trucks with a gross vehicle weight rating (GVWR) of greater than 26,000 pounds with three (3) or more axles, or truck and trailer combinations with three (3) or more axles and a combined gross vehicle weight rating (GVWR) of greater than 26,000 pou	1059329	12/18/2008
I 85	DAVIDSON	Truck Lane Restriction	Single trucks with a gross vehicle weight rating (GVWR) of greater than 26,000 pounds with three (3) or more axles, or truck and trailer combinations with three (3) or more axles and a combined gross vehicle weight rating (GVWR) of greater than 26,000 pou	1059328	12/18/2008
NC 103	SURRY	Trucks Prohibited Route	No truck tractors with trailers longer than 48 feet between NC 89 and the Virginia state line.	1058550	8/29/2008
NC 138	STANLY	Trucks Prohibited Route	Trucks and other vehicles of a gross vehicle weight in excess of 13,000 lbs. shall be prohibited NC 138 from the southern corporate limit, at a point 0.11 mile north of SR 2008 (Oakhurst Road), northward to US 52, NC 24-27-43.	1050994	11/6/1989
NC 18	SURRY	Trucks Prohibited Route	No truck tractors with trailers longer than 48 feet between the Alleghany County line and NC 89.	1058551	8/28/2008
NC 24	STANLY	Trucks Prohibited Route	Trucks and other vehicles of a gross vehicle weight in excess of 13,000 lbs. shall be prohibited NC 24-27-73 from US 52 (First Street) eastward to SR 1675 (East Main Street).	1050996	11/6/1989
NC 24	STANLY	Trucks Prohibited Route	Trucks and other vehicles of a gross vehicle weight in excess of 13,000 lbs. shall be prohibited NC 24-27-73 (East Main Street) from NC 740 eastward to the eastern corporate limit, at SR 1731 (Sweet Home Church Road).	1051001	11/6/1989
NC 86	STOKES	No Through Trucks	No through trucks between SR 2019 (Flat Shoals Road) and NC 89.	1058402	8/29/2008
NC 73	CABARRUS	No Through Trucks	Through vehicles of a Gross Vehicle Weight Rating of 5 tons or greater shall be prohibited NC 73 from its junction with NC 49 west of Mt. Pleasant westward and northwestward through Concord to its junction with SR 1395 northwest of Concord.	1050966	5/10/1968
NC 73	CABARRUS	No Through Trucks	No through trucks between NC 49 and NC 3.	1058568	8/29/2008
NC 73	CABARRUS	Trucks Prohibited Route	No trucks between NC 3 and US 29/601.	1058569	8/29/2008
NC 73	STANLY	Trucks Prohibited Route	Trucks and other vehicles of a gross vehicle weight in excess of 13,000 lbs. shall be prohibited NC 73(Concord Road) from the western corporate limit, at a point 0.06 mile west of SR 1406 (Lakeshore Drive), eastward to NC 73 (West Main Street).	1051002	11/6/1989
NC 73	STANLY	Trucks Prohibited Route	Trucks and other vehicles of a gross vehicle weight in excess of 13,000 lbs. shall be prohibited NC 73 (West Main Street) from NC 73 (Concord Road) eastward to US 52.	1051006	11/6/1989
NC 740	STANLY	Trucks Prohibited Route	Trucks and other vehicles of a gross vehicle weight in excess of 13,000 lbs. shall be prohibited NC 740 From NC 24-27-73 (East Main Street) northeastward to the eastern corporate limit, at a point 0.28 mile east of SR 1537 (Laton Road/ Anderson Grove Chur	1051007	11/6/1989
NC 89	SURRY	No Through Trucks	No through trucks between the Virginia State line and I-77.	1059394	12/19/2008
SR 1673	ROWAN	No Through Trucks	Trucks with 3 or more axles shall be prohibited from NC 152 eastward to SR 1506 (Shue Road). This section of highway is hereby designated as a "No Through Trucks" route."	1050132	3/24/2005
SR 1809	SURRY	No Through Trucks	Now, therefore, be it hereby ordained that through vehicles with three or more axles are prohibited from SR 1857 (North Main Street) north to SR 1856 (Old Highway 52 Bypass).	1051025	12/4/1995
US 52	STANLY	Trucks Prohibited Route	Trucks and other vehicles of a gross vehicle weight in excess of 13,000 lbs. shall be prohibited from NC 24-27 northward to SR 1494(West Main Street).	1050991	11/6/1989
US 52	STANLY	Trucks Prohibited Route	Trucks and other vehicles of a gross vehicle weight in excess of 13,000 lbs. shall be prohibited US 52 from SR 1494 (West Main Street) northward to the northern corporate limit, at a point 0.07 mile north of SR 1418 (Lowder Road).	1050993	11/6/1989



### 20-115.1(b)

Motor vehicle combinations consisting of a semitrailer of not more than 53 feet in length and a truck tractor may be operated on all primary highway routes in North Carolina provided the motor vehicle combination meets the requirements of this subsection. The Department may, at any time, prohibit motor vehicle combinations on portions of any route on the State highway system. If the Department prohibits a motor vehicle combination on any route, it shall submit a written report to the Joint Legislative Transportation Oversight Committee within six months of the prohibition clearly documenting through traffic engineering studies that the operation of a motor vehicle combination on that route cannot be safely accommodated and that the route does not have sufficient capacity to handle the vehicle combination. To operate on a primary highway route, a motor vehicle combination described in this subsection must meet all of the following requirements:

- (1) The motor vehicle combination must comply with the weight requirements in G.S. 20-118.
- (2) A semitrailer in excess of 48 feet in length must meet one or more of the following conditions:
  - a. The distance between the kingpin of the trailer and the rearmost axle, or a point midway between the two rear axles, if the two rear axles are a tandem axle, does not exceed 41 feet.
  - b. The semitrailer is used exclusively or primarily to transport vehicles in connection with motorsports competition events, and the distance between the kingpin of the trailer and the rearmost axle, or a point midway between the two rear axles, if the two rear axles are a tandem axle, does not exceed 46 feet.

(3) A semitrailer in excess of 48 feet must be equipped with a rear underride guard of substantial construction consisting of a continuous lateral beam extending to within four inches of the lateral extremities of the semitrailer and located not more than 30 inches from the surface as measured with the vehicle empty and on a level surface.

### 20-116(h)

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, safely 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.

### 136-18(5)

To make rules, regulations and ordinances for the use of, and to police traffic on, the State highways, and to prevent their abuse by individuals, corporations and public corporations, by trucks, tractors, trailers or other heavy or destructive vehicles or machinery, or by any other means whatsoever, and to provide ample means for the enforcement of same; and the violation of any of the rules, regulations or ordinances so prescribed by the Department of Transportation shall constitute a Class 1 misdemeanor: Provided, no rules, regulations or ordinances shall be made that will conflict with any statute now in force or any ordinance of incorporated cities or towns, except the Department of Transportation may regulate parking upon any street which forms a link in the State highway system, if said street be maintained with State highway funds.