

Establishing Safe Routes for the Movement of Loads, Vehicles, and Vehicle Combinations Exceeding Statutory Limits

June 8, 2020

This work will involve analyzing the State highway system infrastructure and ordinances to establish a safe route for the movement of those vehicle/vehicle combinations which are allowed up to, but not limited to, sixteen (16) feet in width and/or up to, but not limited to, one hundred (100) feet in length, and/or with a gross weight greater than ninety thousand (90,000) pounds. This work will also involve analyzing the State highway system infrastructure to establish a safe route for the movement of mobile/modular homes up to one hundred five (105) feet in length, up to, but not limited to, one hundred thirty-two thousand (132,000) pounds of gross weight, and up to, but not limited to, sixteen (16) feet five (5) inches in height.

Typical work entails a considerable amount of detailed analysis that includes, but is not limited to, the following: bridge weight restrictions and horizontal clearances to prevent damage to superstructures and/or substructures, bridge and overhead sign vertical clearances to prevent collisions with superstructures and signs, intersection alignment and geometry for tolerable turning radii of extreme length combinations, low weight road restrictions, route continuity and connectivity, the applicability and impacts of detours and/or restrictions established for work zones (active, passive, lane closures, moving operations, barrier, etc.) and in response to natural disasters (rock slides, flooding, etc.), and the issuing of an appropriate permit once a safe route has been analyzed and established. Work may also include assistance with inquiries from local NCDOT Division and/or District field offices, the trucking industry, law enforcement agencies, other non-NCDOT agencies, citizens, and lawyers primarily to provide guidance and interpretation of North Carolina General Statutes, North Carolina Administrative Code, Federal Bridge Law, and NCDOT policies and procedures related to the movement and routing of loads, vehicles, and vehicle combinations that exceed statutory limits.