



TRANSPORTATION MANAGEMENT PLANS DESIGN MANUAL

NCDOT Work Zone Traffic Control Section

Purpose

This manual was developed to be a traffic control plan design resource for Transportation Management Plan designers. It will also foster uniformity and consistency in temporary traffic control plans statewide. Since motorists are dependent on the design and placement of traffic control devices, consistent and uniform plans are essential in keeping motorists traversing through work zones safely.

This manual is not intended to provide a fail-proof solution to all design problems or substitute for engineering knowledge, experience and judgment; nor is it intended to establish a legal requirement for installation of devices or design of plans.



Legal Responsibility

According to the Federal Highway Administration, all highway construction projects require a transportation management plan to be included. North Carolina has adopted the Manual on Uniform Traffic Control Devices (MUTCD) to provide basic principles and guidelines for the design, application, installation and maintenance of traffic control devices. North Carolina uses the MUTCD as a minimum requirement and in most cases requires the NCDOT Standard Specifications for Roads and Structures and the NCDOT Roadway Standard Drawings as the plan standard. This Manual is not intended to replace the MUTCD, but rather, to customize its principles to meet the specific requirements and conditions of the State of North Carolina.

Revisions

To expedite updates, this manual is available on-line. The on-line version is to be considered as the official document. As an on-line document, it will not be published and distributed as a traditional publication and there is no user list for update notifications. It is the user's responsibility to verify they are using the most current version of the manual as their reference. Update information will be detailed and listed on the NCDOT Work Zone Traffic Control Section's webpage as they occur.

References

Design information that can be found in textbooks, Federal and State publications, and other sources of transportation related information has not been repeated unless it is frequently utilized by design personnel. References to sources will be made throughout this manual so the presented material can be traced, documented, and revised as necessary.

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