

BASIS/AUTHORITY

According to General Statute # 136-30.1, the Department of Transportation shall mark with center lines and edge lines all interstate and primary roads and all paved secondary roads having an average traffic volume of at least 100 vehicles per day. The Department of Transportation is not required to mark with center lines and edge lines local subdivision roads, loop roads, dead end roads that are less than one mile in length, or roads that primarily serve abutting property.

PURPOSE

To introduce an entry level Transportation Worker to the principles of pavement markings and to help him/her become familiar with the various manuals, policies, and guidelines. It should clearly be understood that this self study course is not intended to be an official policy or guideline manual. If various statements appear to be in conflict with one another, then the established policy and/or guideline specifically created for North Carolina should normally be followed. Any interpretation questions should be referred to the appropriate Division Traffic Engineer for clarification.

REFERENCES (*Each student must have access to the reference materials and the current edition should be used*)

The Manual on Uniform Traffic Control Devices (MUTCD)
Traffic Control Devices Handbook
The North Carolina Supplement to the Manual on Uniform Traffic Control Devices (MUTCD)
Standard Specifications for Roads and Structures
Roadway Standard Drawings
Transportation and Highway Laws of North Carolina

REQUIREMENTS

In order to successfully complete a specific unit, a minimum passing grade of 70 percent must be attained. Although a number score will be calculated when the test is graded, the official results will be listed as *pass* or *fail*. If the result is *fail*, then a retest can be taken after a minimum 30 day waiting period, measured from the date of the failed test. In order to protect the integrity of the test, copies of the completed test should not be made.

PRINCIPLES OF PAVEMENT MARKINGS COURSE OUTLINE

Unit 1 - General Principles – TSU100

- Part III-A of the MUTCD
- Part III-A of the North Carolina Supplement to the MUTCD

Unit 2 - Applications of Pavement and Curb Markings – TSU101

- Part III-B of the MUTCD
- Part III-B of the North Carolina Supplement to the MUTCD

Unit 3 - Advanced Applications of Pavement and Curb Markings – TSU102

- 1205.01 thru 1205.12 of the Roadway Standard Drawings

Unit 4 - Pavement Markers – TSU103

- 1250.01 thru 1253.01 of the Roadway Standard Drawings

Unit 5 - Passing and No Passing Zones – TSU104

- Part III-B-5 of the MUTCD
- Part III-B-5 of the North Carolina Supplement to the MUTCD
- Part III-3E-2 of the Traffic Control Devices Handbook
- Procedure for Establishing No Passing Zones by Brown/Hummer

SKILL BLOCK	UNIT 1	UNIT 2	UNIT 3	UNIT 4	UNIT 5
	TSU 100	TSU 101	TSU 102	TSU 103	TSU 104
1T14	x	x			
2T2	x				x
2T6	x	x	x		
2T7				x	