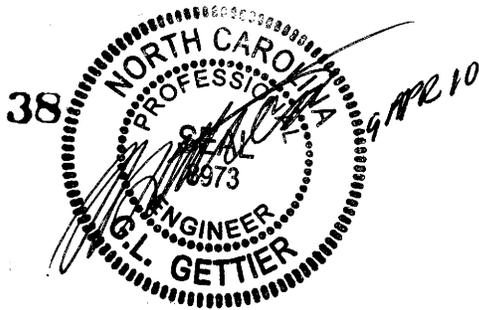


TIP #: I-5300  
Date: March 3, 2010  
Revised Date: April 9, 2010



Revised 4-13-10

**TRAFFIC CONTROL:**

Maintain traffic in accordance with Divisions 10 and 11 of the July 2006 NCDOT Standard Specifications for Roads and Structures & July 2006 Roadway Standard Drawings (RSD) and the following provisions:

Coordinate with the NCDOT Resident Engineer in charge of any project in the vicinity of this project for any work that may affect the construction and the Traffic Control of this project.

Perform work only when weather and visibility conditions allow safe operations as directed by the Engineer.

Operate equipment and conduct operations in the same direction as the flow of traffic. Do not cross medians with equipment, except at properly designated interchanges.

Use lane closures for right lane closed (refer to Roadway Standard Drawings No. 1101.02, Sheets 3 & 8 of 9) and use rolling road block operations for temporary road closures (refer to Roadway Standard Drawings No. 1101.03, sheet 9 of 9). Maintain the existing traffic pattern at all times, except in Work Zones where lane closures are allowed as determined by the Engineer. Work Zones can include one or more stabilization sites.

Changes may be required when physical dimensions in the Roadway Standard Drawings are not attainable to meet field conditions, or result in duplicate, or undesired overlapping of devices, modifications may include: moving, supplementing, covering or removal of devices, as directed by the engineer.

The following General Notes apply at all time for the duration of the construction project except as directed by the Engineer.

**Time Restrictions**

A) Do not stop traffic as follows (Utilize Rolling Road Block, RSD 1101.03, sheet 9 of 9):

<u>Road Name</u>	<u>Day and Time Restrictions</u>	<u>Durations and Operations</u>
1. I-40	Sunday at 12 Noon to the following Sunday at 7:00 a.m. each week, also No Sundays during Holidays May 30, 2010, July 4, 2010 and September 5, 2010.	30 minutes, as directed by the Engineer.

- B) Do not conduct any hauling operations against the flow of traffic of an open travelway unless the hauling operation is protected by barrier or guardrail, or as directed by the Engineer.

**Lane and Shoulder Closure Requirements**

- C) Remove lane closures devices from the lane when work is not being performed behind the lane closures or when the lane closure is no longer needed, or as directed by the Engineer.
- D) When personnel and/or equipment are working on the shoulder adjacent to a divided facility and within 10 feet of an open travel lane, close the nearest open travel lane using Roadway Standard Drawer No. 1101.02 unless the work area is protected by barrier or guardrail.
- E) When personnel and/or equipment are working within a lane of travel of an undivided or divided facility, close the lane according to the traffic control plans, Roadway Standard Drawings or as directed by the Engineer. Conduct the work so that all personnel and/or equipment remain within the closed travel lane.

**Traffic Pattern Alterations**

- F) Notify the Engineer three (3) calendar days prior to any traffic pattern alteration.

**Signing**

- G) Ensure all necessary signing is in place prior to altering any traffic pattern.

**Traffic Barrier**

- H) Install temporary barrier according to the traffic control plans. Once temporary barrier is installed at any location, proceed in a continuous manner to complete the proposed work in that location unless otherwise stated in the traffic control plans or as directed by the engineer.

Do not place barrier directly on any surface other than asphalt or concrete.

Once temporary barrier is installed at any location and no work is performed behind the temporary barrier for a period longer than two (2) months, remove/reset temporary barrier at no cost to the department unless otherwise stated in the traffic control plans, temporary barrier is protecting a hazard, or as directed by the Engineer.

Install temporary barrier with the traffic flow, beginning with the upstream side of traffic. Remove the temporary barrier against the traffic flow, beginning with the downstream side of traffic.

**40**

Install and space drums no greater in feet than twice the posted speed limit (MPH) to close or keep the section of the roadway closed until the temporary barrier can be placed or after the temporary barrier is removed.

- I) Protect the approach end of Portable Concrete Barrier at all times during the installation and removal of the barrier by either a Truck Mounted Impact Attenuator (maximum 72 hours) or a Temporary Crash Cushion.

Protect the approach end of Portable Concrete Barrier from oncoming traffic at all times by a Temporary Crash Cushion unless the approach end of the Portable Concrete Barrier is offset from oncoming traffic as follows:

<u>Posted Speed Limit</u>	<u>Minimum Offset</u>
40 OR LESS	15 FT
45-50	20 FT
55	25 FT
60 MPH or HIGHER	30 FT

**Traffic Control Devices**

- J) Space channelizing devices in work areas no greater in feet than twice the posted speed limit (MPH), except 10 feet on-center in radii, and 3 feet off the edge of an open travelway, when lane closures are not in effect. Note: Skinny drums are not to be utilized on this project.
- K) Place additional sets of three drums perpendicular to the edge of the travelway on 1,000 ft centers when unopened lanes are closed to traffic.

**Department Furnished Devices**

- L) The Department will have available Portable Concrete Barrier only (connecting hardware and delineation will be the responsibility of the Contractor) for traffic control use on the project. Transport the Portable Concrete Barrier from the Department's stockpile locations adjacent to I-40 at approximately MP 6, locally known as the Cotton Patch, or as directed by the Engineer to the project.

Deliver only the Portable Concrete Barrier to the Department's stockpile locations adjacent to I-40 at approximately MP 6, locally known as the Cotton Patch, or as directed by the Engineer when the Portable Concrete Barrier is deemed of no further use on the project.

TIP #: I-5300  
Date: March 3, 2010  
Revised Date: April 9, 2010

*Revised 4-13-10*

**41**

**Pavement Markings and Markers**

- M) Install Cold Applied Plastic Type IV Pavement Markings (Removal Tape, 6" wide) as shown on Roadway Standard Drawing No. 1101.02, Sheet 8 of 9.
  
- N) Remove Cold Applied Plastic Type IV Pavement Markings (Removal Tape, 6" wide) placed for Roadway Standard Drawing No. 1101.02, Sheet 8 of 9, at the end of construction at each Construction Site location.