

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

STATE PROJECT REFERENCE NO.	SHEET NO.
B - 4 6 6 5	TCP-1

**PLAN FOR PROPOSED  
TRAFFIC CONTROL, MARKING & DELINEATION  
WARREN COUNTY**

B-4665

**ROADWAY STANDARD DRAWINGS**

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT-N.C. DEPARTMENT OF TRANSPORTATION-RALEIGH, N.C., DATED JULY 2006 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1101.03	Temporary Road Closures
1110.01	Stationary Work Zone Signs
1145.01	Barricades
1205.01	Pavement Markings - Line Types & Offsets
1205.02	Pavement Markings - Divided & Undivided Roadways
1205.12	Pavement Markings - Bridges
1250.01	Pavement Markers Spacing
1251.01	Raised Pavement Markers - Permanent And Temporary
1261.01	Guardrail & Barrier Delineator Spacing
1261.02	Guardrail & Barrier Delineator Types
1262.01	Guardrail End Delineation

**INDEX OF SHEETS**

SHEET NO.	TITLE
TCP-1	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, LEGEND, INDEX OF SHEETS AND PAVEMENT MARKING SCHEDULE
TCP-2	PROJECT NOTES AND PHASING
TCP-3	DETOUR ROUTE DETAIL AND SIGNING
SD-1	COLE FARM ROAD (SR 1304) SIGN DETAIL

**LEGEND**

- GENERAL**
- DIRECTION OF TRAFFIC FLOW
  - NORTH ARROW
  - PROPOSED PVMT. EXIST. PVMT.
  - WORK AREA
  - REMOVAL OF EXISTING PAVEMENT
- TRAFFIC CONTROL DEVICES**
- TYPE I BARRICADE
  - TYPE II BARRICADE
  - TYPE III BARRICADE
  - CONE
  - DRUM SKINNY DRUM
  - FLASHING ARROW PANEL (TYPE C)
  - STATIONARY SIGN
  - PORTABLE SIGN
  - STATIONARY OR PORTABLE SIGN
  - CRASH CUSHION
  - CHANGEABLE MESSAGE SIGN
  - TRUCK MOUNTED IMPACT ATTENUATOR (TMIA)
  - POLICE
  - FLAGGER

**FINAL PAVEMENT MARKING SCHEDULE**

SYMBOL	DESCRIPTION	PAY ITEM QUANTITY	TOTAL QUANTITY
PAVEMENT MARKINGS			
COLD APPLIED PLASTIC (4") TYPE 3 [PERMANENT WET REFLECTIVE]			
CA	WHITE EDGELINE	170 LF	
CI	YELLOW DOUBLE CENTER	170 LF	
	TOTAL		340 LF
THERMOPLASTIC (4", 90 mils)			
TA	WHITE EDGELINE	1630 LF	
	TOTAL		1630 LF
THERMOPLASTIC (4", 120 mils)			
TI	YELLOW DOUBLE CENTER	1630 LF	
	TOTAL		1630 LF
MARKERS			
PERMANENT RAISED PAVEMENT MARKERS			
MA	YELLOW & YELLOW	20 EA	
	TOTAL		20 EA

APPROVED: <u>Chad L. Lanford</u> DATE: <u>5/30/08</u>	PLAN PREPARED BY: N.C.D.O.T. WORK ZONE TRAFFIC CONTROL UNIT
SEAL 	J. S. BOURNE, P.E. <u>TRAFFIC CONTROL ENGINEER</u>
	M. M. MCDIARMID, P.E. <u>TRAFFIC CONTROL PROJECT ENGINEER</u>
	C. L. LANFORD, P.E. <u>TRAFFIC CONTROL PROJECT DESIGN ENGINEER</u>
	P. SEYMORE <u>TRAFFIC CONTROL DESIGN ENGINEER</u>

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TIP PROJECT:

## GENERAL NOTES

Changes may be required when physical dimensions in the detail drawings, standard details and roadway details are not attainable to meet field conditions, or result in duplicate, or undesired overlapping of devices. Modification may include: moving, supplementing, covering or removal of devices, as directed by the Engineer.

The following general notes apply at all times for the duration of the construction project, except when otherwise noted in the plan, or directed by the Engineer.

### Traffic Pattern Alterations

- A) Notify the Engineer twenty one (21) calendar days prior to any traffic pattern alteration.

### Signing

- B) Provide permanent signing within the project limits and detour signing off the project limits.  
 C) Provide detour signing within the project limits.  
 D) Cover or remove all detour signs off the project limits when a detour is not in operation.  
 E) Ensure all necessary signing is in place prior to altering any traffic pattern.

### Traffic Control Devices

- F) Place Type III barricades, with "ROAD CLOSED" sign R11-2 attached, of sufficient length to close entire roadway.

### Pavement Markings And Markers

- G) Install pavement markings and pavement markers on the final surface as follows:
- | Road Name        | Marking             | Marker           |
|------------------|---------------------|------------------|
| -L- (SR 1304)    | Thermo              | Raised Permanent |
| -L- (Bridge #36) | Cold Applied Type 3 | Raised Permanent |
- H) Tie proposed pavement marking lines to existing pavement marking lines.

## PHASING

Note: Maintain access to all driveways within the project limits.

- Step 1) Using Roadway Standard Drawing (RSD) 1101.03 sheet 1 of 9 and Sheet TCP-3, perform the following:  
 -Install all road closure and detour signing and barricades.  
 -Close SR 1304 (Cole Farm Road) from -L- Sta. 12+00+/- to -L- Sta. 21+00+/-.  
 -Place traffic onto off-site detour.

- Step 2) Away from traffic, perform the following from -L- Sta. 12+00+/- to -L- Sta. 21+00+/-:  
 -Remove existing Bridge #36 from -L- Sta. 15+38+/- to -L- Sta. 16+23+/- and approaches.  
 -Construct the proposed structure from -L- Sta. 15+38+/- to -L- Sta. 16+23+/- and approaches up to and including the final layer of surface course.  
 -Install final pavement markings and markers.

- Step 3) Remove all traffic control signing and devices and re-open SR 1304 (Cole Farm Road) to a two-lane two-way pattern.

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APPROVED: <i>Chad L. Lanford</i> DATE: 5/30/08		<b>GENERAL NOTES AND PHASING</b>	
	SCALE: NONE		REVISIONS
	DATE: 05-27-08		
	DWG. BY: PS		
	DESIGN BY: CLL		
REVIEWED BY: CLL			

