

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

STATE PROJECT REFERENCE NO.	SHEET NO.
B-4266	TCP-1

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

B-4266

**ROADWAY STANDARD DRAWINGS**

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - ROADWAY DESIGN UNIT-N.C. DEPARTMENT OF TRANSPORTATION-RALEIGH, N.C., DATED JANUARY 2002 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.05	WORK ZONE VEHICLE ACCESSES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1135.01	CONES
1150.01	FLAGGERS
1205.01	PAVEMENT MARKINGS - LINE TYPES & OFFSETS
1205.02	PAVEMENT MARKINGS - 2 LANE & MULTILANE ROADWAYS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.12	PAVEMENT MARKINGS - BRIDGES
1261.01	GUARDRAIL & BARRIER DELINEATOR SPACING
1261.02	GUARDRAIL & BARRIER DELINEATOR TYPES
1262.01	GUARDRAIL END DELINEATION

**PHASING**

- STEP 1: USING ROADWAY STANDARD DRAWING 1101.03, INSTALL OFF-SITE DETOUR SIGNING, RE-ROUTE TRAFFIC ONTO OFF-SITE DETOUR AND CLOSE -L- (SEE TCP-3).
- STEP 2: BUILD -L- FROM STA 9+98+/- TO STA 14+07+/-, INCLUDING NEW STRUCTURE, UP TO BUT NOT INCLUDING THE FINAL LAYER OF THE SURFACE COURSE AND PLACE TEMPORARY PAVEMENT MARKINGS.  
CONSTRUCT THE DRIVEWAY FROM -DR1- STA 10+00+/- TO STA 12+97+/-
- STEP 3: REMOVE DETOUR SIGNING, SHIFT TRAFFIC BACK ONTO -L- AND INSTALL ADVANCED WARNING SIGNING AS SHOWN ON TCP-5. USING ROADWAY STANDARD DRAWING 1101.02, SHEET 1 OF 7, CONSTRUCT THE FOLLOWING AND PLACE TEMPORARY PAVEMENT MARKINGS:  
-L- STA 14+07+/- TO STA 17+57+/-
- STEP 4: USING ROADWAY STANDARD DRAWING 1101.02, SHEET 1 OF 7, PLACE FINAL LAYER OF SURFACE COURSE AND FINAL PAVEMENT MARKINGS FROM:  
-L- STA 9+38+/- TO -L- STA 17+57+/-  
-Y- STA 10+12+/- TO STA 10+91+/-
- STEP 5: OPEN -L- TO FINAL TRAFFIC PATTERN AND REMOVE ALL TRAFIC CONTROL DEVICES.

**INDEX OF SHEETS**

SHEET NO.	TITLE
TCP-1	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, LEGEND, INDEX OF SHEETS, FINAL PAVEMENT MARKING SCHEDULE AND PHASING
TCP-2	PROJECT NOTES
TCP-3	DETOUR ROUTE
TCP-4	STREET SIGN DETAIL
TCP-5	WORK ZONE ADVANCE WARNING SIGNS
TCP-6	TYPE III BARRICADES
TCP-7	DRUM DETAIL

**FINAL PAVEMENT MARKING SCHEDULE**

SYMBOL	DESCRIPTION	PAY ITEM QUANTITY BREAKDOWN	TOTAL QUANTITY
<b>PAVEMENT MARKINGS</b>			
<b>PAINT (4")</b>			
PA	WHITE EDGELINE	3838 LF	
PD	2' WHITE MINISKIP	30 LF	
PI	YELLOW DOUBLE CENTER LINE	3956 LF	
P4	WHITE STOP BAR	54 LF	
			TOTAL 7878 LF

**TEMPORARY PAVEMENT MARKING SCHEDULE**

SYMBOL	DESCRIPTION	PAY ITEM QUANTITY BREAKDOWN	TOTAL QUANTITY
<b>PAVEMENT MARKINGS</b>			
<b>PAINT (4")</b>			
PA	WHITE EDGELINE	1652 LF	
PI	YELLOW DOUBLE CENTER LINE	1648 LF	
P4	WHITE STOP BAR	54 LF	
			TOTAL 3354 LF

**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
  - FLASHING ARROW PANEL (TYPE C)
  - TYPE 'B' WARNING LIGHT
  - STATIONARY SIGN
  - PORTABLE SIGN
  - STATIONARY OR PORTABLE SIGN
  - WARNING FLAGS
  - CRASH CUSHION
  - CHANGEABLE MESSAGE SIGN
  - TRUCK MOUNTED IMPACT ATTENUATOR (TMIA)
  - POLICE
  - FLAGGER
- PAVEMENT MARKINGS**
- CRYSTAL/CRYSTAL PAVEMENT MARKER
  - YELLOW/YELLOW PAVEMENT MARKER
  - CRYSTAL/RED PAVEMENT MARKER
  - PAVEMENT MARKING SYMBOLS

APPROVED:	PLAN PREPARED BY: N.C.D.O.T. TRAFFIC CONTROL, MARKING & DELINEATION SECTION
DATE: 6/2/05	
SEAL:	J. S. BOURNE, PE TRAFFIC CONTROL ENGINEER
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TIP PROJECT: