

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

STATE PROJECT REFERENCE NO.	SHEET NO.
B-3492	TCP-1

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

**McDOWELL COUNTY**

B-3492

**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
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1145.01	BARRICADES
1205.01	PAVEMENT MARKINGS - LINE TYPES & OFFSETS
1205.02	PAVEMENT MARKINGS - 2 LANE & MULTILANE ROADWAYS
1205.12	PAVEMENT MARKINGS - BRIDGES
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, FINAL PAVEMENT MARKING ESTIMATE AND INDEX OF SHEETS
TCP-2	GENERAL NOTES AND PHASING
TCP-3	DETOUR ROUTE AND SIGNING
SD-1	SPECIAL SIGN DESIGN

**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

**PAVEMENT MARKINGS**

- CRYSTAL/CRYSTAL PAVEMENT MARKER
- YELLOW/YELLOW PAVEMENT MARKER
- CRYSTAL/RED PAVEMENT MARKER
- PAVEMENT MARKING SYMBOLS

**B-3492 FINAL PAVEMENT MARKING SCHEDULE**

SYMBOL	DESCRIPTION	PAY ITEM QUANTITY BREAKDOWN		TOTAL QUANTITY
		FINAL PAVEMENT MARKINGS PAINT (4")		
PA	WHITE EDGELINE	3740	LF	
PI	YELLOW DOUBLE CENTER	3740	LF	
			TOTAL	7480 LF

TIP PROJECT:

08-APR-2008 15:34 \\DOT\DFSR001\PROJ\TIP\Projects-B\B3492\TrafficControl\TopAb-3492-rc-top.ldgn  
dibeard AT WZTC224231

APPROVED: <i>Meredith M. McDiarmid</i> DATE: 4/2/08	PLAN PREPARED BY: N.C.D.O.T. WORK ZONE TRAFFIC CONTROL UNIT
SEAL 	STUART BOURNE, P.E. TRAFFIC CONTROL ENGINEER
	M. McDIARMID, P.E. TRAFFIC CONTROL PROJECT ENGINEER
	CHRIS HOWARD TRAFFIC CONTROL PROJECT DESIGN ENGINEER
	DERRICK BEARD TRAFFIC CONTROL DESIGN ENGINEER / TECHNICIAN

## 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 UNDESIRE 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

- C) PROVIDE PERMANENT SIGNING.  
D) PROVIDE DETOUR SIGNING WITHIN AND OFF THE PROJECT LIMITS.  
E) COVER OR REMOVE ALL DETOUR SIGNS WITHIN AND OFF THE PROJECT LIMITS WHEN A DETOUR IS NOT IN OPERATION.  
F) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.

### TRAFFIC CONTROL DEVICES

- G) PLACE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY.

### PAVEMENT MARKINGS AND MARKERS

- H) INSTALL PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE FINAL SURFACE AS FOLLOWS:

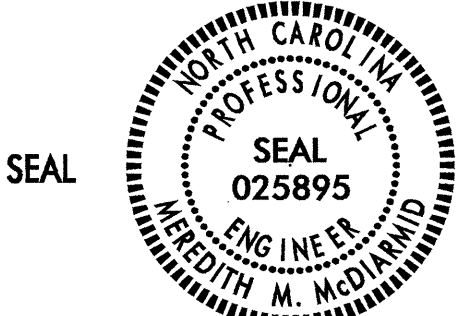

ROAD NAME	MARKING	MARKER
SR 1763 MUDDY CREEK RD.	PAINT	NONE

- I) PLACE TWO APPLICATIONS OF PAINT PAVEMENT MARKINGS ON THE FINAL WEARING SURFACE. PLACE THE SECOND APPLICATION OF PAINT UPON SUFFICIENT DRYING TIME OF THE FIRST.  
J) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.

## PHASING

- STEP 1) INSTALL DETOUR SIGNING WITHIN AND OFF THE PROJECT LIMITS NO MORE THAN THREE (3) DAYS BEFORE ROAD CLOSURE. IF SIGNS ARE INSTALLED MORE THAN THREE (3) DAYS BEFORE ROAD CLOSURE, NOTIFY STATE FORCES TO COVER ALL DETOUR SIGNS ACCORDING TO STANDARD SPECIFICATION SECTION 1110-1 AND 1110-3.
- STEP 2) PLACE TRAFFIC ON OFF-SITE DETOUR AND CLOSE SR 1763 (MUDDY CREEK RD.) USING TYPE III BARRICADES WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, AT -L- STA. 10+00 +/- AND -L- STA. 19+00 +/- AS SHOWN ON SHEET TCP-3. MAINTAIN ACCESS TO ALL DRIVEWAYS WITHIN THE PROJECT LIMITS.
- STEP 3) REMOVE EXISTING BRIDGE #56 AND APPROACHES AND CONSTRUCT THE PROPOSED BRIDGE AND APPROACHES UP TO AND INCLUDING THE FINAL LAYER OF SURFACE COURSE FROM -L- STA. 10+00 +/- TO -L- STA. 19+00 +/- . INSTALL FINAL PAVEMENT MARKINGS (SEE FINAL PAVEMENT MARKING SCHEDULE ON SHEET TCP-1).
- STEP 4) REMOVE ALL TRAFFIC CONTROL SIGNING AND DEVICES AND RE-OPEN SR 1763 (MUDDY CREEK RD.) TO A TWO-LANE TWO-WAY PATTERN.

08-APR-2008 15:35  
\\DOT\DOTSR001\PROJ\TIP\Projects-B\B3492\Traffic\TrafficControl\Top\B-3492-TC-Top-2.dgn  
dibedrd AI WZTC24231

APPROVED: <i>M. McDaniel</i> DATE: 4/8/08	<b>GENERAL NOTES AND PHASING</b>	
	SCALE: NONE	
	DATE: DEC 2007	
	DWG. BY: DHB	
	DESIGN BY: DHB	
REVIEWED BY: CBH	REVISIONS	CADD FILE

