

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

STATE PROJECT REFERENCE NO.	SHEET NO.
B-4205	TCP-1

B-4205

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

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 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 - 2 LANE & MULTILANE ROADWAYS
1205.12	PAVEMENT MARKINGS - BRIDGES
1250.01	PAVEMENT MARKER SPACING
1251.01	RAISED PAVEMENT MARKERS (TEMPORARY & PERMANENT)
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 AND INDEX OF SHEETS, PAVEMENT MARKING SCHEDULE
TCP-2	GENERAL NOTES AND PHASING
TCP-3	DETOUR MAP
SD-1	SPECIAL SIGN DESIGN

LEGEND

GENERAL

 NORTH ARROW

TRAFFIC CONTROL DEVICES

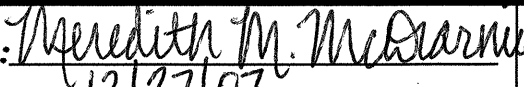

 TYPE III BARRICADE

 STATIONARY SIGN

TIP PROJECT:

B-4205 PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION	PAY ITEM QUANTITY BREAKDOWN		TOTAL QUANTITY
		FINAL PAVEMENT MARKINGS PAINT (4")	MARKERS	
PA	WHITE EDGELINE (2X)	3200	LF	TOTAL 6400 LF
PI	YELLOW DOUBLE CENTER (2X)	3200	LF	
MA	YELLOW & YELLOW PERMANENT RAISED PAVEMENT MARKERS	12	EA	TOTAL 12 EA

APPROVED: 	PLAN PREPARED BY: N.C.D.O.T. WORK ZONE TRAFFIC CONTROL UNIT
DATE: 12/27/07	
SEAL 	J. S. BOURNE, P.E. TRAFFIC CONTROL ENGINEER
	M. McDIARMID, P.E. TRAFFIC CONTROL PROJECT ENGINEER
	C. B. HOWARD TRAFFIC CONTROL PROJECT DESIGN ENGINEER
	M. D. STOKES TRAFFIC CONTROL DESIGN ENGINEER / TECHNICIAN

GENERAL NOTES

ADAPT THE TRAFFIC CONTROL PLANS, WHEN DIRECTED BY THE ENGINEER, TO MEET FIELD CONDITIONS TO PROVIDE SAFE AND EFFICIENT TRAFFIC MOVEMENT. CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAIL DRAWINGS, STANDARD DETAILS AND ROADWAY DETAILS ARE NOT ATTAINABLE, OR RESULT IN DUPLICATE, OR UNDESIRED OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING OR REMOVAL OF DEVICES.

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) STATE FORCES WILL BE RESPONSIBLE FOR PERMANENT SIGNING.
- C) PROVIDE DETOUR SIGNING WITHIN AND OFF THE PROJECT LIMITS.
- D) COVER OR REMOVE ALL DETOUR SIGNS WITHIN AND 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. PLACE TYPE III BARRICADES WITH "ROAD CLOSED TO THRU TRAFFIC" SIGN R11-4 AND "DETOUR" SIGN M4-10 ATTACHED. STAGGER OR OVERLAP BARRICADES TO ALLOW FOR INGRESS OR EGRESS.

PAVEMENT MARKINGS AND MARKERS

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

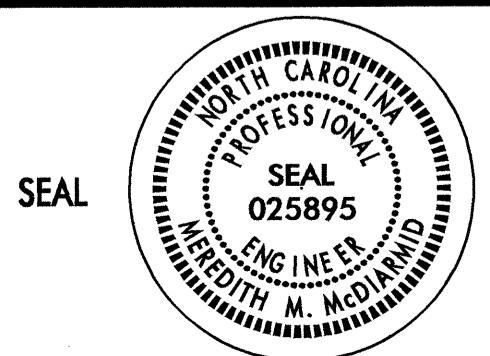

ROAD NAME	MARKING	MARKER
SR 1310	PAINT	PERMANENT RAISED
- H) PLACE AT LEAST TWO APPLICATIONS OF PAINT PAVEMENT MARKINGS ON THE FINAL WEARING SURFACE ON NEW ASPHALT PAVEMENT. PLACE ADDITIONAL APPLICATIONS OF PAINT UPON SUFFICIENT DRYING TIME, AS DETERMINED BY THE ENGINEER. PAYMENT WILL BE MADE FOR EACH APPLICATION OF PAINT.
- I) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.

PHASING

PHASE I

- STEP 1: USING RDWY STD 1101.03 SHEET 1 OF 9 AND SHEET TCP-3, INSTALL DETOUR AND ROAD CLOSURE SIGNING. IF SIGNS ARE INSTALLED MORE THAN THREE (3) DAYS BEFORE ROAD CLOSURE, COVER ALL DETOUR AND ROAD CLOSURE SIGNS ACCORDING TO STANDARD SPECIFICATION SECTION 1110-1 AND 1110-3.
- STEP 2: USING SHEET TCP-3, INSTALL TYPE III BARRICADES TO CLOSE SR 1310 (LOVEJOY RD.) TO THRU TRAFFIC AND SHIFT TRAFFIC ONTO OFFSITE DETOUR.
- STEP 3: REMOVE EXISTING BRIDGE #133 AND CONSTRUCT PROPOSED BRIDGE AND APPROACHES UP TO AND INCLUDING THE FINAL LAYER OF SURFACE COURSE FROM -L- STA. 15+00 +/- TO -L- STA. 23+00 +/- . INSTALL FINAL PAVEMENT MARKINGS AND MARKERS (SEE FINAL PAVEMENT MARKING SCHEDULE ON SHEET TCP-1).
- STEP 4: REMOVE ALL TRAFFIC CONTROL DEVICES AND OPEN SR 1310 (LOVEJOY RD.) TO TRAFFIC.

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APPROVED: <i>M. M. M. M.</i> DATE: 12/27/07		GENERAL NOTES AND PHASING	
	SCALE:		REVISIONS
	DATE:		
	DWG. BY: MDS		
	DESIGN BY: MDS		
	REVIEWED BY: CBH		CAED FILE

