

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

STATE PROJECT REFERENCE NO.	SHEET NO.
B-4282	TCP-1

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

B-4282

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
1101.02	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
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 (PERMANENT & TEMPORARY)
1253.01	SNOWPLOWABLE RAISED PAVEMENT MARKERS
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
TCP-2	GENERAL NOTES, PHASING, AND FINAL PAVEMENT MARKING SCHEDULE
TCP-3	DETOUR MAP AND SIGNING

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
- 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

TIP PROJECT:

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msteelman AT WZTC237453

APPROVED: DATE:	PLAN PREPARED BY: N.C.D.O.T. WORK ZONE TRAFFIC CONTROL UNIT
	J. S. BOURNE, PE <u>TRAFFIC CONTROL ENGINEER</u>
	JOSEPH ISHAK, PE <u>TRAFFIC CONTROL PROJECT ENGINEER</u>
	HABIB A. LAWANDOS <u>TRAFFIC CONTROL PROJECT DESIGN ENGINEER</u>
	<u>TRAFFIC CONTROL DESIGN ENGINEER</u>

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.

LANE AND SHOULDER CLOSURE REQUIREMENTS

- A) REMOVE LANE CLOSURE DEVICES FROM THE LANE WHEN WORK IS NOT BEING PERFORMED BEHIND THE LANE CLOSURE OR WHEN A LANE CLOSURE IS NO LONGER NEEDED, OR AS DIRECTED BY THE ENGINEER.

TRAFFIC PATTERN ALTERATIONS

- B) NOTIFY THE ENGINEER TWENTY ONE (21) CALENDER DAYS PRIOR TO ANY TRAFFIC PATTERN ALTERATIONS.

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 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. STAGGER OR OVERLAP BARRICADES TO ALLOW FOR INGRESS OR EGRESS.

PAVEMENT MARKINGS AND MARKERS

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

<u>ROAD NAME</u>	<u>MARKING</u>	<u>MARKER</u>
NC 66	THERMO ON ASPHALT	SNOWPLOWABLE
BRIDGE	COLD APPLIED	PERMANENT RAISED

- I) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
J) REPLACE ANY PAVEMENT MARKINGS THAT HAVE BEEN DAMAGED BY THE END OF EACH DAY'S OPERATION.

PHASING

NOTE: MAINTAIN VEHICULAR ACCESS TO DRIVEWAYS WITHIN PROJECT LIMITS THROUGHOUT THE DURATION OF THE PROJECT.

WORKING IN A CONTINUOUS MANNER, COMPLETE THE FOLLOWING:

- STEP 1: NOTIFY STATE FORCES TO INSTALL "CURVE" WARNING SIGNS ON SR 1214.
STEP 2: USING RSD 1101.03, SHEET 1 OF 9, AS DIRECTED BY THE ENGINEER, INSTALL DETOUR SIGNING AND BARRICADES TO CLOSE NC 66 TO THRU TRAFFIC AND SHIFT TRAFFIC ONTO OFFSITE DETOUR. (SEE TCP-3)
STEP 3: AWAY FROM TRAFFIC, CONSTRUCT -L- FROM STA 15+50.00 TO STA 21+90.00 INCLUDING PROPOSED STRUCTURE, UP TO AND INCLUDING THE FINAL LAYER OF SURFACE COURSE.
STEP 4: PLACE FINAL PAVEMENT MARKING (THERMOPLASTIC) ON ASPHALT, (TYPE 3, COLD APPLIED PLASTIC) ON BRIDGE, AND PAVEMENT MARKERS (SNOWPLOWABLE) ON ASPHALT, AND (PERMANENT RAISED) ON BRIDGE.
STEP 5: REMOVE DETOUR SIGNS AND ALL TRAFFIC CONTROL DEVICES, AND OPEN NC 66 TO TRAFFIC.

FINAL PAVEMENT MARKING SCHEDULE

SYMBOL DESCRIPTION		PAY ITEM QUANTITY BREAKDOWN PAVEMENT MARKING LINES	TOTAL QUANTITY
COLD APPLIED PLASTIC (4")- Type 3-PERMANENT WET REFLECTIVE			
CA	WHITE SOLID EDGE LINE	330 FT	
CI	YELLOW DOUBLE CENTER	330 FT	
			TOTAL 660 FT
THERMOPLASTIC (4", 90 MILS)			
TA	WHITE SOLID EDGE LINE	1000 FT	
THERMOPLASTIC (4", 120 MILS)			
TI	YELLOW DOUBLE CENTER	1000 FT	
			TOTAL 2000 FT
MARKERS			
PERMANENT RAISED PAVEMENT MARKERS			
MA	YELLOW AND YELLOW (RAISED)	5 EA	
			TOTAL 5 EA
SNOWPLOWABLE RAISED PAVEMENT MARKERS			
ME	YELLOW AND YELLOW SNOWPLOWABLE	12 EA	
			TOTAL 12 EA

APPROVED: _____ DATE: _____	GENERAL NOTES, PHASING AND FINAL PAVEMENT MARKING SCHEDULE	
	SCALE: NONE	
	DATE: 10/07	
	DESIGN BY: WRD	
	REVIEWED BY: HAL	
		REVISIONS
		CAD FILE

