

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

STATE PROJECT REFERENCE NO.	SHEET NO.
B-3873	TCP-1

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

B-3873

TIP PROJECT:

GENERAL NOTES

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.

- A) 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.

TRAFFIC PATTERN ALTERATIONS

- C) NOTIFY THE ENGINEER TWENTY ONE (21) CALENDAR DAYS PRIOR TO ANY TRAFFIC PATTERN ALTERATION.

SIGNING

- D) PROVIDE DETOUR SIGNING OFF THE PROJECT LIMITS.
E) COVER OR REMOVE ALL DETOUR SIGNS 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. 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:

ROAD NAME	MARKING	MARKER
1. SR 1737	PAINT	N/A

- I) 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.
J) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.

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
1101.03	TEMPORARY ROAD CLOSURES
1101.05	WORK ZONE VEHICLE ACCESSES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1205.01	PAVEMENT MARKINGS - LINE TYPES & OFFSETS
1205.02	PAVEMENT MARKINGS - 2 LANE & MULTILANE ROADWAYS

INDEX OF SHEETS

SHEET NO.	TITLE
TCP-1	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, LEGEND, INDEX OF SHEETS, PROJECT NOTES, AND PHASING
TCP-2	OFFSITE DETOUR DETAILS AND PAVEMENT MARKING SCHEDULE
TCP-3	OFFSITE DETOUR SIGNING
TCP-4	SIGN DESIGN
TCP-5	BARRICADES - TYPE III DETAIL

PHASING

PHASE I

- STEP 1. INSTALL AND COVER ALL OFFSITE DETOUR SIGNING FOR BRIDGE NO.183 ON SR 1737, (SEE TCP-3).
STEP 2. USING SIGNS AS SHOWN ON TCP-2 AND INSET "A" (TCP-3), CLOSE SR 1737 FROM STA. 11+40+/- -L- TO STA. 14+50+/- -L-. MAINTAIN ACCESS TO ALL DRIVEWAYS WITHIN THE PROJECT LIMITS.

PHASE II

- STEP 1. REMOVE THE EXISTING BRIDGE, AND CONSTRUCT NEW BOX CULVERT, PERMANENT DRAINAGE, AND ROADWAY APPROACHES UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE.
CONSTRUCT -DRIVE- FROM STA. 0+00+/- TO STA. 11+55+/- UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE.
STEP 2. PLACE FINAL LAYER OF SURFACE COURSE AND FINAL PAVEMENT MARKINGS ON SR 1737 FROM STA. 11+40+/- -L- TO STA. 14+50+/- -L-. REFER TO RSD NOS. 1205.01 AND 1205.02.
STEP 3. REMOVE ALL TYPE III BARRICADES AND ALL OFFSITE DETOUR SIGNING. REOPEN SR 1737 TO A 2-LANE, TWO-WAY TRAFFIC PATTERN.

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: DATE: 10/29/2004	PLAN PREPARED BY: N.C.D.O.T. TRAFFIC CONTROL, MARKING & DELINEATION UNIT
SEAL	J. S. BOURNE, P. E. TRAFFIC CONTROL ENGINEER
	J. S. KITE, P. E. TRAFFIC CONTROL PROJECT ENGINEER
	C. L. MULLEN TRAFFIC CONTROL PROJECT DESIGN ENGINEER
	S. B. COATS TRAFFIC CONTROL DESIGN ENGINEER / TECHNICIAN

29-OCT-2004 15:02
K:\TCP\B3873-1C-Tcp01.dgn
sc00ts AT 11/12/2004 4:28