# STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

STATE PROJECT REFERENCE NO. SHEET NO. B-4124 TCP-1

# PLAN FOR PROPOSED TRAFFIC CONTROL, MARKING & DELINEATION

# GRANVILLE COUNTY

## ROADWAY STANDARD DRAWINGS

# INDEX OF SHEETS

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
1130.01	DRUM
1135.01	CONES
1145.01	BARRICADES TYPE III
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

### SHEET NO.

TCP-1

### TITLE

LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, FINAL PAVEMENT MARKING SCHEDULE LEGEND AND INDEX OF SHEETS

TCP-2 PROJECT NOTES AND PHASING

TCP-3 DETOUR ROUTE AND BARRICADE PLACEMENT

DETOUR SIGN DESIGN TCP-4

## FINAL PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION	PAVEMENT MARKINGS	PAY ITEM QUANTITY BREAKDOWN	TOTAL
PA	WHITE EDGE LINE (2X)	PAINT (4")	3100 FT	6200 FT
PI	YELLOW DOUBLE CENTER (2X)	PAINT (4")	3100 FT	6200 FT
		MARKERS		·
MA	YELLOW & YELLOW	PERMANENT RAISED PAVEMENT MARKERS	25 EA	25 EA
NOTE:	FOR EACH PAINT PAVEMENT MARKING AND 3X IMPLIES THREE APPLICATE	NG ITEM, 1X IMPLIES IN SINGLE AP	PPLICATION, 2X IMPLIES TWO APP	LICATIONS,

### **LEGEND**

#### **GENERAL**

DIRECTION OF TRAFFIC FLOW

PROPOSED PVMT. ----- EXIST. PVMT.

**WORK AREA** 

REMOVAL OF EXISTING PAVEMENT

### TRAFFIC CONTROL DEVICES

T TYPE I BARRICADE

TYPE III BARRICADE

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

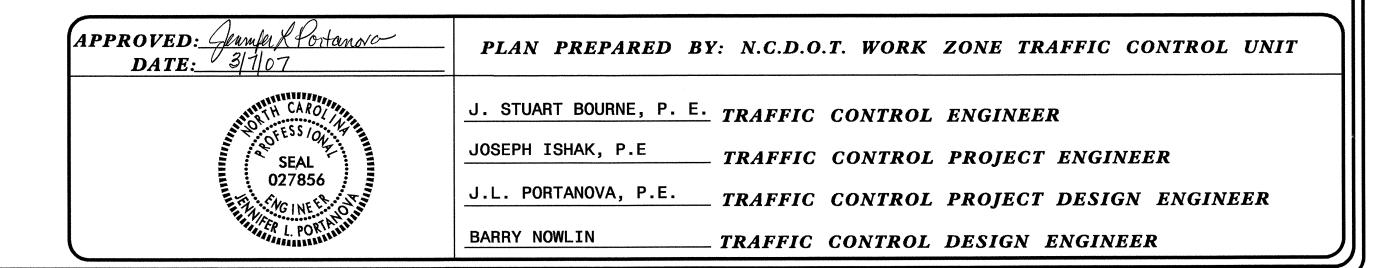
### PAVEMENT MARKINGS

CRYSTAL/CRYSTAL PAVEMENT MARKER

YELLOW/YELLOW PAVEMENT MARKER

CRYSTAL/RED PAVEMENT MARKER

PAVEMENT MARKING SYMBOLS



## 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 UNDESIRED 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

- B) PROVIDE 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.

#### PAVEMENT MARKINGS AND MARKERS

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

ROAD NAME

MARKING

**MARKER** 

SR 1141(MORIAH RD)

PAINT

PERMANENT RAISED

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

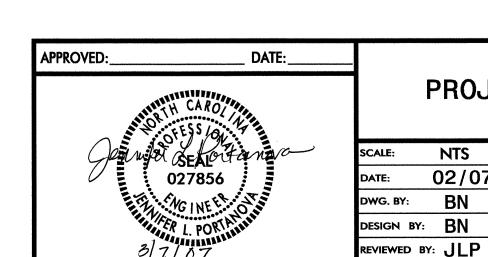
PROJ. REFERENCE NO. SHEET NO. B-4124 TCP-2

### PHASING

STEP 1: USING SHEETS TCP-3 AND TCP-4, INSTALL DETOUR SIGNS, PLACE TYPE III BARRICADES TO CLOSE SR 1141 (MORIAH RD.) TO THROUGH TRAFFIC, AND DETOUR TRAFFIC ONTO PROPOSED DETOUR.

STEP 2: AWAY FROM TRAFFIC, COMPLETE THE FOLLOWING:

- REMOVE EXISTING STRUCTURE No.84 AND CONSTRUCT PROPOSED STRUCTURE FROM -L- STA.19+14+/- TO -L- STA.21+44+/-. SEE ROADWAY PLANS.
- CONSTRUCT PROPOSED ROADWAY UP TO AND INCLUDING FINAL LAYER OF SURFACE COURSE FROM -L- STA.14+00+/- TO -L- STA.29+50+/-. SEE ROADWAY PLANS.
- PLACE FINAL PAVEMENT MARKING (PAINT) AND PAVEMENT MARKERS (PERMANENT RAISED) FROM -L- STA. 14+00+/- TO -L- STA.29+50+/-, AND TIE TO EXISTING PAVEMENT MARKING.
- STEP 3: REMOVE ALL TRAFFIC CONTROL DEVICES AND ALL DETOUR SIGNING. OPEN SR 1141 (MORIAH RD.) TO TWO-LANE, TWO-WAY TRAFFIC PATTERN.



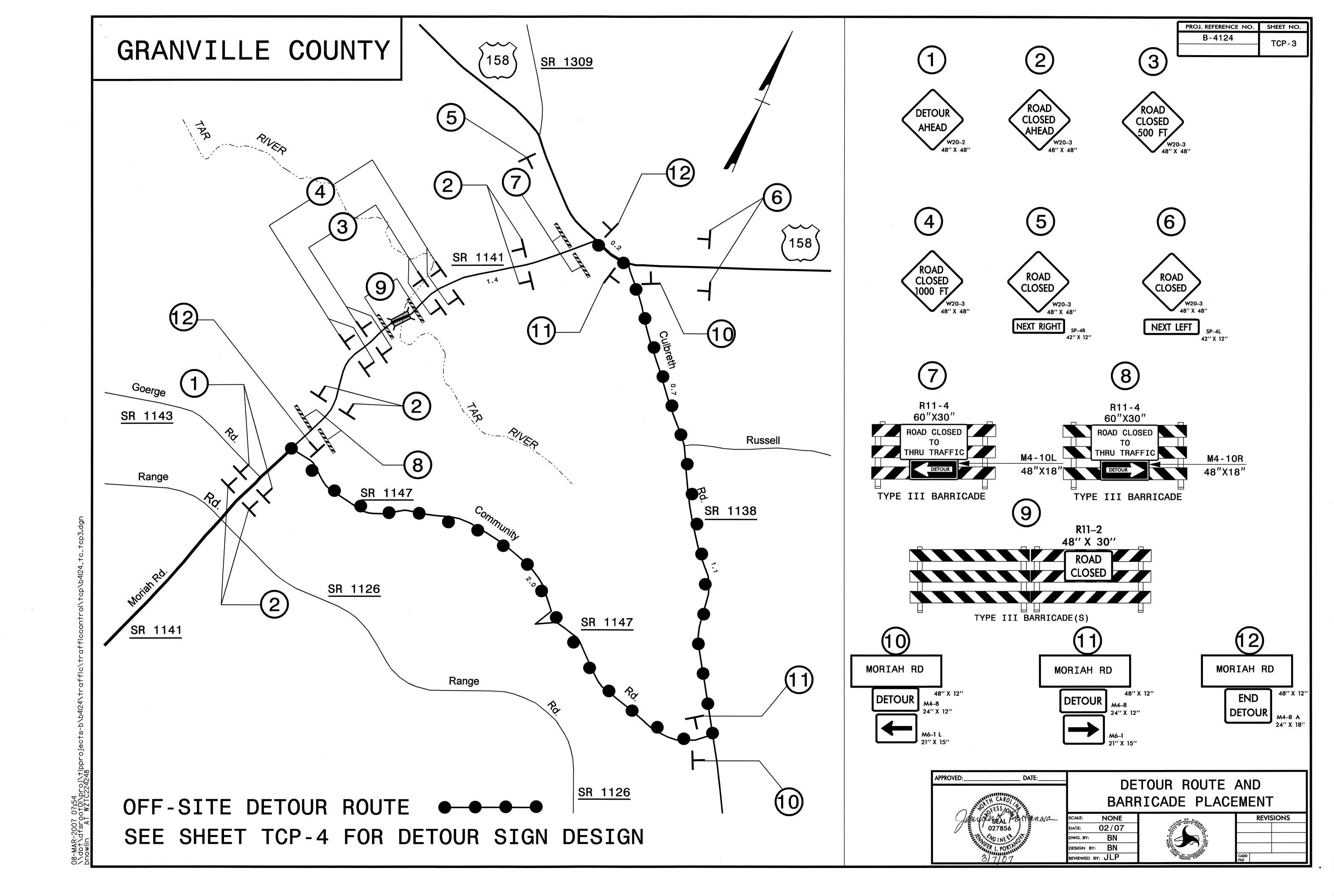
#### PROJECT NOTES AND PHASING

02/07

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TRAMS PORTS	CADD

**REVISIONS** 



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C. DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS TRAFFIC ENGINEERING BRANCH SIGNING DEPARTMENT

SIGN NUMBER: SP06036 BACKG COLOR: Fluorescent Orange COPY COLOR: Black TYPE: D QUANTITY: 1 X Y WID HT SYMBOL SIGN WIDTH: 48" HEIGHT: 12" TOTAL AREA: 4.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0.38" WIDTH: 0.38" **RADII:** 1.5" MAT'L: 0.125" (3.2 mm) ALUMINUM 0.079" COMPOSITE NO. Z BARS: LENGTH: USE NOTES: Legend and border shall be direct applied non-reflective sheeting.

2.Background shall be Type VII, VIII, or IX (prismatic) retroreflective sheeting.

DESIGN BY: R. HENNEIN STD #: N/A CHECKED BY: DATE: Mar 09,2006 DIV: 5 PROJECT ID: B-4124 4 ′ - 0 11 6 ° C  $\bigcirc$ 36" R = 1 . 5 " TH=0.38" MOUNTED ON TWO U-POSTS IN=0.38"

LETTER POSITIONS

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FILENAME: SP06036\_moriahrd

NORTH CAROLINA D.O.T. SIGN DETAIL

### DETOUR SIGN DESIGN

12/06

