STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

STATE PROJECT REFERENCE NO. SHEET NO. B-4524 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.	<u>TITLE</u>
1101.03	TEMPORARY ROAD CLOSURES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
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

GUARDRAIL END DELINEATION

GUARDRAIL & BARRIER DELINEATOR TYPES

1261.02

1262.01

TCP-1

SHEET NO.

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

TITLE

INDEX OF SHEETS

TCP-2

PROJECT NOTES AND PHASING

TCP-3

DETOUR ROUTE AND BARRICADE PLACEMENT

SD - 1

SPECIAL SIGN DESIGN

FINAL PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION	PAVEMENT MARKINGS	PAY ITEM QUANTITY BREAKDOWN	TOTAL		
PA	WHITE EDGE LINE (2X)	PAINT (4")	800 FT	1600 FT		
PI	YELLOW DOUBLE CENTER (2X)	PAINT (4")	400 FT	1600 FT		
MARKERS						
MA	YELLOW & YELLOW	PERMANENT RAISED PAVEMENT MARKERS	6 EA	6 EA		
NOTE: FOR EACH PAINT PAVEMENT MARKING ITEM, 1X IMPLIES A SINGLE APPLICATION, 2X IMPLIES TWO APPLICATIONS, AND 3X IMPLIES THREE APPLICATIONS.						

LEGEND

GENERAL

DIRECTION OF TRAFFIC FLOW

NORTH ARROW

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

WORK AREA



REMOVAL OF EXISTING PAVEMENT

TRAFFIC CONTROL DEVICES

T TYPE I BARRICADE

T TYPE II BARRICADE

TYPE III BARRICADE

CONE

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

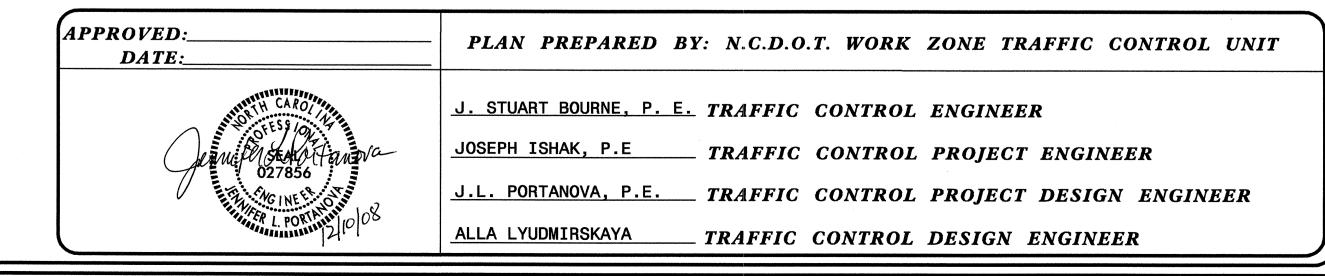
PAVEMENT MARKINGS

CRYSTAL/CRYSTAL PAVEMENT MARKER

YELLOW/YELLOW PAVEMENT MARKER

CRYSTAL/RED PAVEMENT MARKER

PAVEMENT MARKING SYMBOLS



PROJ. REFERENCE NO.	SHEET NO.
B-4524	TCP-2
	101-2

PROJECT 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 AS 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 FOLLOW:

ROAD NAME

<u>MARKING</u>

MARKER

PERMANENT RAISED

SR 1309 (BEN THORPE RD.)

PAINT

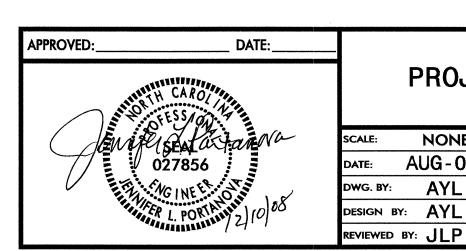
- PLACE TWO APPLICATIONS OF PAINT PAVEMENT MARKINGS ON THE FINAL WEARING SURFACE. PLACE THE SECOND APPLICATION OF PAINT UPON SUFFICIENT DRYING TIME OF THE FIRST.
- I) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.

[PHASING]

STEP 1: USING RSD 1101.03, SHEET 1 OF 9, SHEETS TCP-3 AND SD-1, INSTALL DETOUR SIGNS, PLACE TYPE III BARRICADES TO CLOSE SR 1309 (BEN THORPE RD.) TO THROUGH TRAFFIC, AND DETOUR TRAFFIC OFFSITE.

STEP 2: AWAY FROM TRAFFIC, COMPLETE THE FOLLOWING:

- 1) REMOVE EXISTING STRUCTURE No.193 AND CONSTRUCT PROPOSED STRUCTURE FROM -L- STA.13+81+/- TO -L- STA.14+81+/-. SEE ROADWAY PLANS.
 - CONSTRUCT PROPOSED ROADWAY UP TO AND INCLUDING FINAL LAYER OF SURFACE COURSE FROM -L- STA.12+50+/- TO -L- STA.16+20+/-. SEE ROADWAY PLANS.
- 2) PLACE FINAL PAVEMENT MARKING (PAINT) & FINAL PAVEMENT MARKERS (PERMANENT RAISED) FROM -L- STA. 12+50+/- TO -L- STA.16+20+/-, AND TIE IN TO EXISTING PAVEMENT MARKING.
- STEP 3: REMOVE ALL TEMPORARY WORK ZONE TRAFFIC CONTROL DEVICES AND ALL DETOUR SIGNING. OPEN SR 1309 (BEN THORPE RD.) TO TWO-LANE, TWO-WAY TRAFFIC PATTERN.

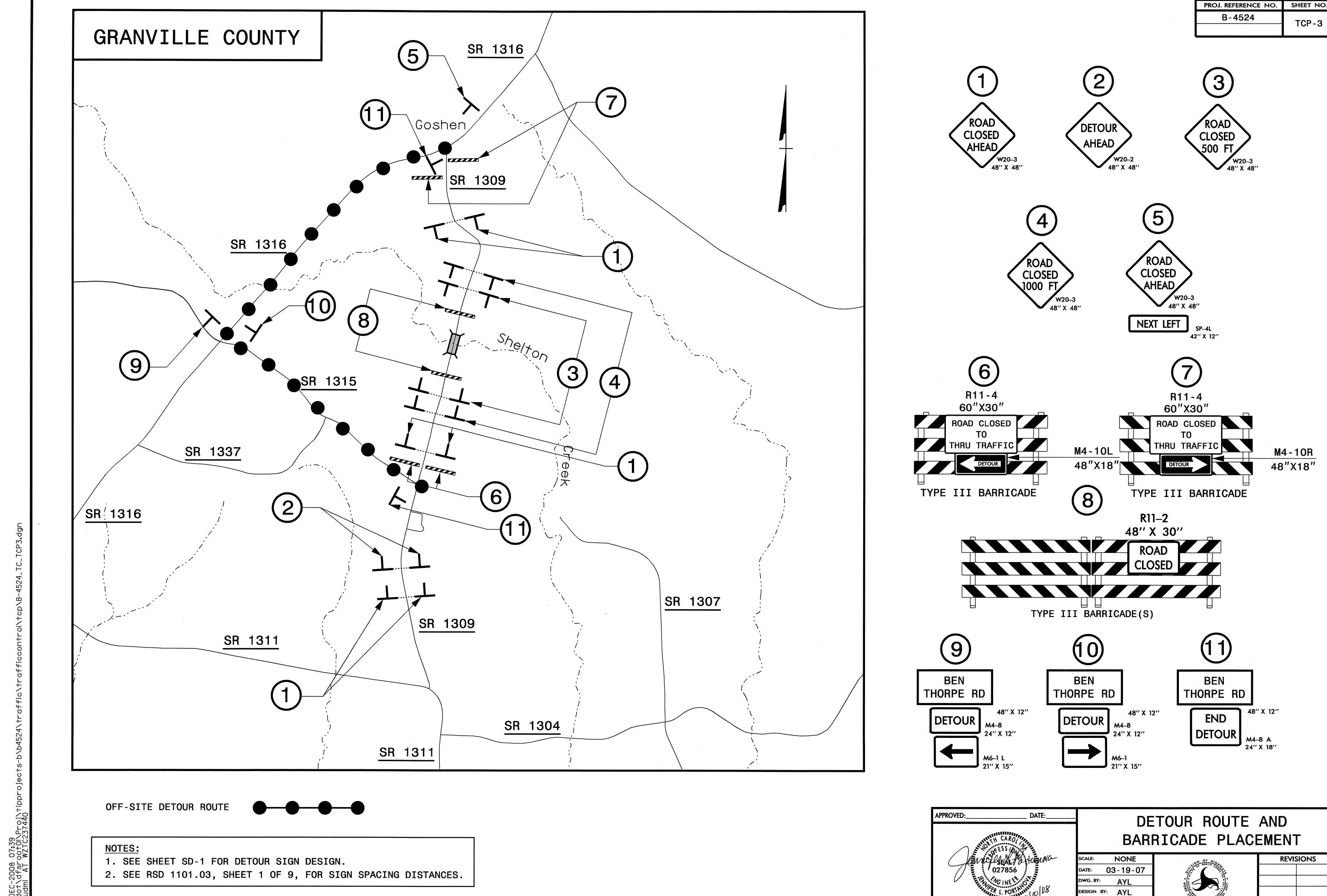


PROJECT NOTES AND PHASING

NONE

AUG-08

REVISIONS



REVIEWED BY: JLP