YELLOW & YELLOW

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

STATE PROJECT REFERENCE NO. SHEET NO. TCP-1

PLAN FOR PROPOSED TRAFFIC CONTROL, MARKING & DELINEATION

CRAVEN COUNTY

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
1101.04	TEMPORARY SHOULDER CLOSURES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1135.01	CONES
1145.01	BARRICADES
1150.01	FLAGGERS
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, INDEX OF SHEETS AND FINAL PAVEMENT

TCP-2

12 EA

GENERAL NOTES AND PHASING

TCP-3

DETOUR ROUTE AND BARRICADE PLACEMENT

TCP-4

SIGN DESIGN

MARKING SCHEDULE

[LEGEND]

GENERAL

DIRECTION OF TRAFFIC FLOW

NORTH ARROW

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

1

WORK AREA

R

REMOVAL OF EXISTING PAVEMENT

TRAFFIC CONTROL DEVICES

T TYPE I BARRICADE

TYPE III BARRICADE

CONE

DRUM
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

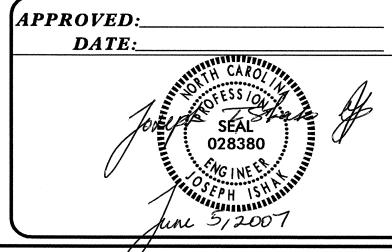
PAVEMENT MARKING SYMBOLS

FINAL PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION	PAVEMENT MARKINGS	PAY ITEM QUANTITY BREAKDOWN	TOTAL QUANTITY
		PAINT (4")		
PA PI	WHITE EDGELINE (2X) YELLOW DOUBLE CENTER (2X)		3600 LF 3600 LF	
			TOTAL	7200 LF
		MARKERS		
		PERMANENT RAISED PAVEMENT MARKERS		

- FOR EACH PAINT PAVEMENT MARKING ITEM, 1X IMPLIES A SINGLE APPLICATION, 2X IMPLIES TWO APPLICATIONS AND 3X IMPLIES THREE APPLICATIONS.

12 EA



PLAN PREPARED BY: N.C.D.O.T. WORK ZONE TRAFFIC CONTROL UNIT

J. STUART BOURNE, P.E. TRAFFIC CONTROL ENGINEER

JOSEPH ISHAK, P.E. TRAFFIC CONTROL PROJECT ENGINEER

HABIB LAWANDOS TRAFFIC CONTROL PROJECT DESIGN ENGINEER

JOE FUTRELL TRAFFIC CONTROL DESIGN ENGINEER / TECHNICIAN

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PROJECT NOTES

PROJ. REFERENCE NO.	SHEET NO.
B-4085	TCP-2
	107-2

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) STATE FORCES WILL BE RESPONSIBLE FOR PERMANENT SIGNING.
- C) PROVIDE DETOUR SIGNING WITHIN AND OFF THE PROJECT LIMITS.
- D) CONTRACTOR WILL 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 1005 (SUNSET BLVD)

PAINT

PERMANENT RAISED

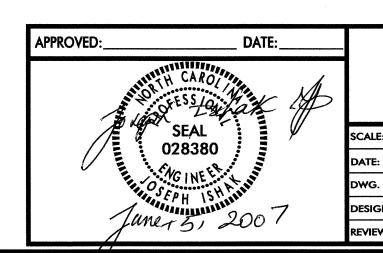
- H) PLACE TWO APPLICATIONS OF PAINT PAVEMENT MARKINGS ON THE FINAL WEARING SURFACE. PLACE THE SECOND APPLICATION OF PAINT UPON SUFFICIENT DRYING TIME OF THE FIRST.
- I) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.

PHASING

PHASING NOTES:

MAINTAIN DRIVEWAY ACCESS TO ALL RESIDENCES AND BUSINESSES WITHIN THE PROJECT LIMITS DURING PROJECT CONSTRUCTION.

- STEP 1: USING RSD 1101.03 SHEET 1 OF 9, SHEET TCP-3 AND SHEET TCP-4, INSTALL DETOUR SIGNS, PLACE TYPE III BARRICADES TO CLOSE SR 1005 (SUNSET BLVD) TO THROUGH TRAFFIC AND DETOUR TRAFFIC ONTO PROPOSED OFFSITE DETOUR.
- STEP 2: AWAY FROM TRAFFIC COMPLETE THE FOLLOWING:
 - CONSTRUCT PROPOSED -L- FROM STA. 8+00 +/- TO -L- STA. 17+00 +/- UP TO AND INCLUDING THE FINAL LAYER OF SURFACE COURSE.
 - PLACE FINAL PAVEMENT MARKINGS (PAINT) AND FINAL PAVEMENT MARKERS (PERMANENT RAISED) ON PROPOSED -L- FROM STA. 8+00 +/- TO -L- STA. 17+00 +/- ON SR 1005 (SUNSET BLVD) AND TIE TO THE EXISTING MARKINGS.
- STEP 3: REMOVE ALL TRAFFIC CONTROL DEVICES AND REOPEN SR 1005 (SUNSET BLVD) TO ALL TRAFFIC.



PROJECT NOTES

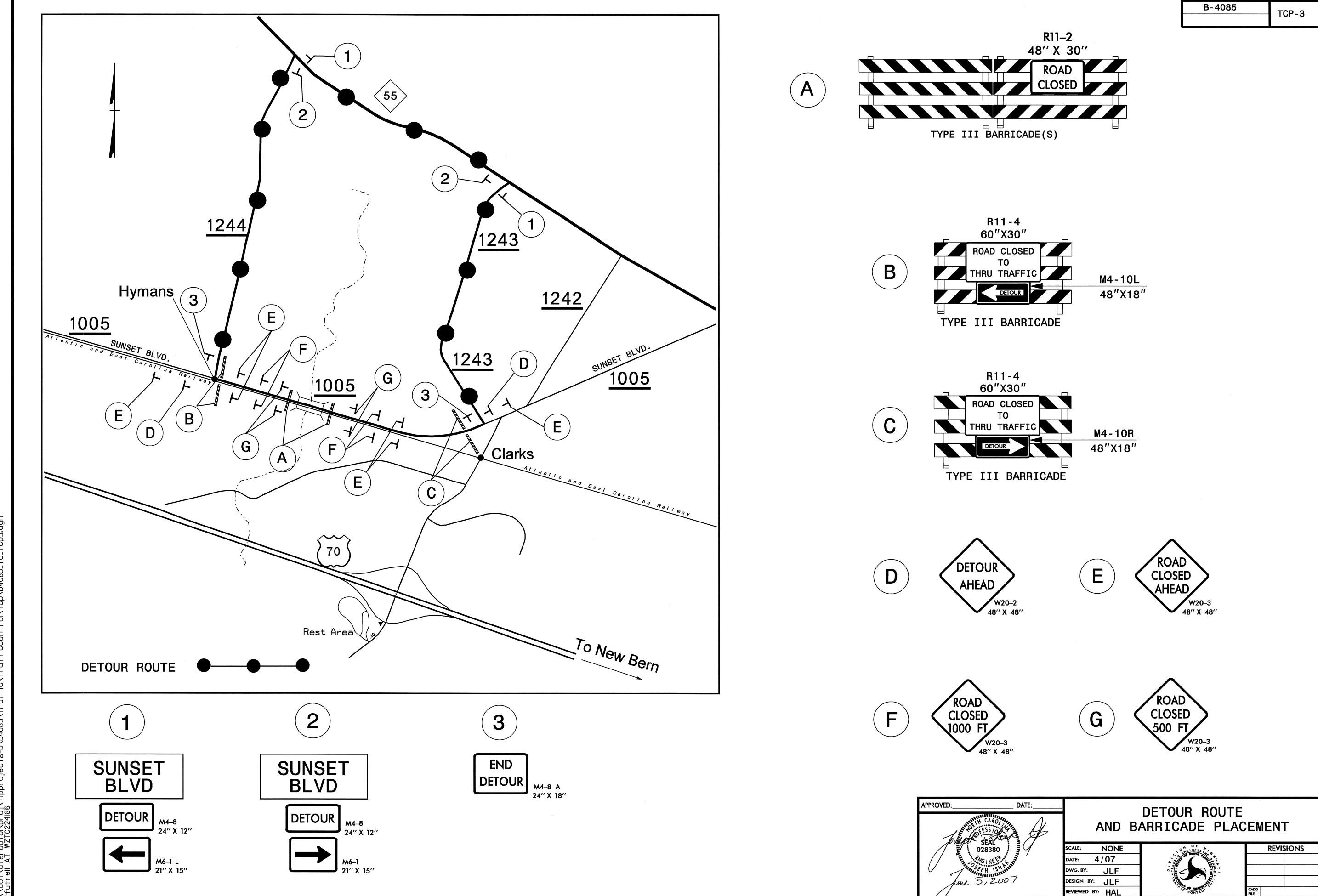
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REVISIONS

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PROJ. REFERENCE NO. SHEET NO.

BACKG COLOR: Fluorescent Orange SIGN NUMBER: SP07117 DESIGN BY: R. HENNEIN CHECKED BY: COPY COLOR: **Black** TYPE: D DATE: May 03, 2007 PROJECT ID: B-4085 DIV: 2 QUANTITY: 1 SYMBOL X Y WID HT 2'-6" SIGN WIDTH: 30" HEIGHT: 24" TOTAL AREA: 5.0 Sq.Ft. BORDER TYPE:RECESSED **RECESS:** 0.38" WIDTH: 0.63" RADII: 1.5" MAT'L: 0.063" (1.6 mm) ALUMINUM 0.079" COMPOSITE NO. Z BARS: LENGTH: 6"C USE NOTES: Legend and border shall be direct applied non-reflective sheeting. 2.Background shall be Type VII, VIII, or IX (prismatic) retroreflective sheeting. 3.25" 3.25" 23.5" **BORDER** R=1.5''TH=0.63" IN=0.38" Spacing Factor is 1 unless specified otherwise LETTER POSITIONS Series/Size Letter spacings are to start of next letter Text Length C 2000 3.3 4.2 4.4 4.2 4.2 3.5 3.1 3.3 23.5 C 2000 7.1 4.4 3.4 4.6 3.4 7.1 15.7 NORTH CAROLINA D.O.T. SIGN DETAIL FILENAME: SP07117_sunsetblvd

SIGN DESIGN

ALE:	NONE
ATE:	4/07
VG. BY:	JLF
SIGN BY:	JLF
VIEWED BY:	HAI



CADD

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