

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

STATE PROJECT REFERENCE NO.	SHEET NO.
B-4055	TCP-01

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

B-4055

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
1101.03	TEMPORARY ROAD CLOSURES
1101.05	WORK ZONE VEHICLE ACCESSES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1145.01	BARRICADES
1150.01	FLAGGING DEVICES
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
1264.01	OBJECT MARKERS
1264.02	PLACEMENT OF OBJECT MARKERS

INDEX OF SHEETS

SHEET NO.	TITLE
TCP-1	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, LEGEND AND INDEX OF SHEETS
TCP-2	PROJECT NOTES & FINAL PAVEMENT MARKING SCHEDULE
TCP-3	OFF-SITE DETOUR & PHASING
TCP-4	DETOUR SIGNING
SD -1	SPECIAL SIGN DEIGN

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
 - 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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APPROVED: <i>Jessica Kuse</i> DATE: 3/9/08	PLAN PREPARED BY: N.C.D.O.T. WORK ZONE TRAFFIC CONTROL UNIT
SEAL 	J. S. BOURNE, P.E. TRAFFIC CONTROL ENGINEER
	J. S. KITE, P.E. TRAFFIC CONTROL PROJECT ENGINEER
	J. D. KUSE, P.E. TRAFFIC CONTROL PROJECT DESIGN ENGINEER
	R. M. GARRETT TRAFFIC CONTROL DESIGN ENGINEER / TECHNICIAN

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 UNDESIRE 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 1124 (NINE FOOT ROAD)	THERMOPLASTIC	PERMANENT RAISED PAVEMENT MARKERS
SR 1124 (BRIDGE) (NINE FOOT RD)	COLD APPLIED PLASTIC	PERMANENT RAISED PAVEMENT MARKERS

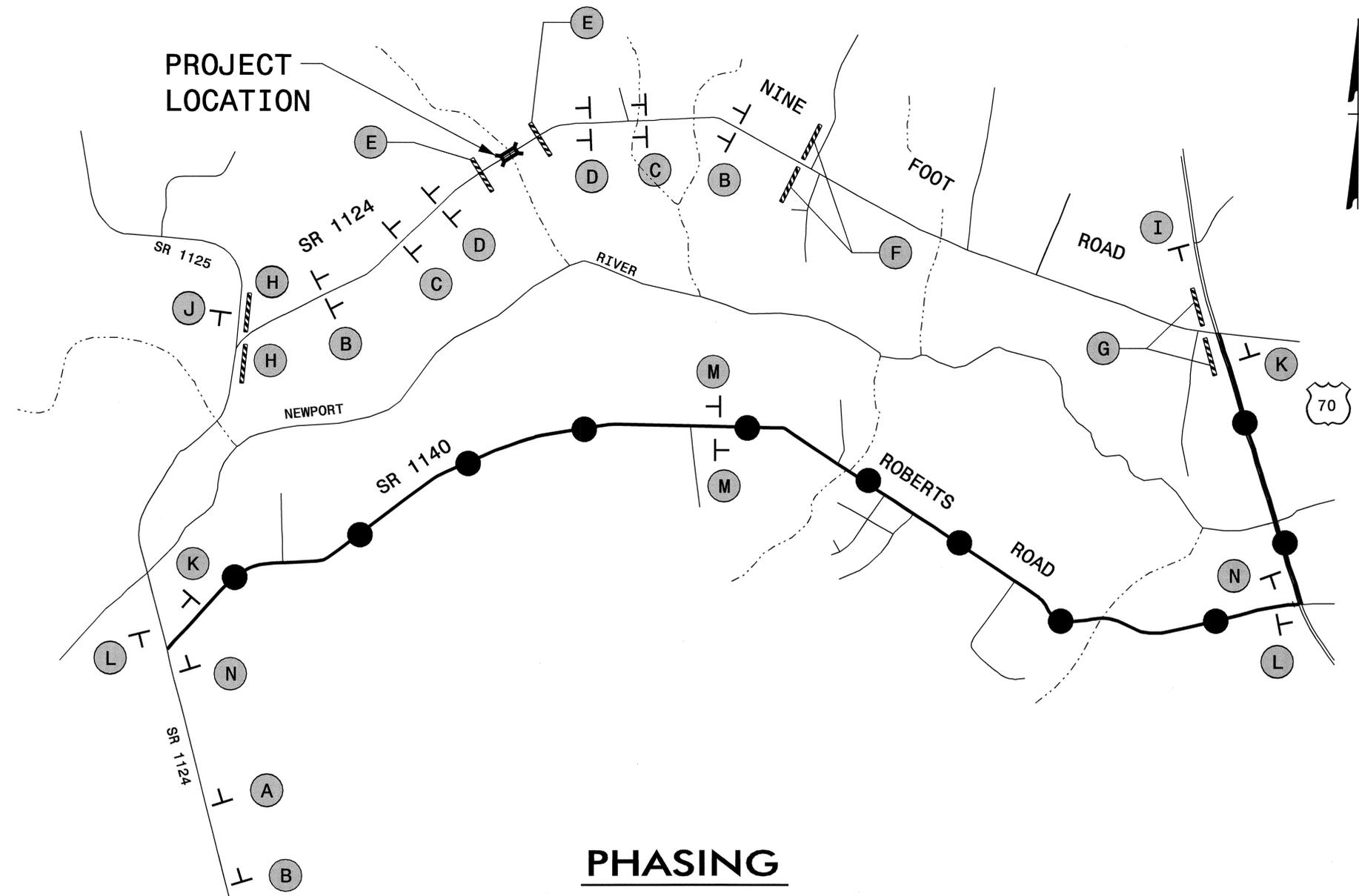
- H) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.

FINAL PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION	PAY ITEM QUANTITY BREAKDOWN		TOTAL QUANTITY
FINAL PAVEMENT MARKINGS				
CA	WHITE EDGELINE	COLD APPLIED PLASTIC (4") Type3 - Permanent Wet Reflective		
		286	LF	
CI	YELLOW DOUBLE CENTER	286	LF	
		TOTAL		572 LF
TI	YELLOW DOUBLE CENTER	THERMOPLASTIC(4", 120 MILS)		
		1764	LF	
		TOTAL		1764 LF
TA	WHITE EDGELINE	THERMOPLASTIC(4", 90 MILS)		
		1764	LF	
		TOTAL		1764 LF
MARKERS				
MA	YELLOW & YELLOW	PERMANENT RAISED PAVEMENT MARKERS		
		13	EA	
		TOTAL		13 EA

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APPROVED: <i>Jessica K. Rube</i> DATE: 3/4/08	GENERAL NOTES / PAVEMENT MARKING SCHEDULE							
	SCALE: NONE							
	DATE: 02/08							
	DESIGN BY: RMG							
	REVIEWED BY: JDK							
		<table border="1"> <tr> <th colspan="2">REVISIONS</th> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	REVISIONS					
REVISIONS								



PHASING

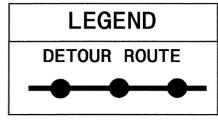
NOTES: ENSURE PROPOSED ROAD CLOSURE AND DETOUR ROUTE IS COORDINATED THROUGH DIVISION OFFICE WITH THE CARTERET COUNTY SCHOOLS AND CARTERET COUNTY EMERGENCY MANAGEMENT SERVICES PRIOR TO SR 1124 NINE FOOT ROAD ROAD CLOSURE AND DETOUR OPERATION.

PHASE I

- STEP 1 - USING ROADWAY STANDARD DRAWING NO. 1101.03, SHEET 1 OF 9, (AS NEEDED) AND TCP-3 INSTALL OFFSITE DETOUR SIGNS AND DEVICES TO CLOSE SR 1124 (NINE FOOT ROAD) TO TRAFFIC.
- STEP 2 - REMOVE EXISTING STRUCTURE AND PAVEMENT, AND CONSTRUCT PROPOSED ROADWAY AND STRUCTURE FROM -L- STA. 11+50+/- TO STA. 21+75+/- . (SEE ROADWAY AND STRUCTURE PLANS)
 - PLACE PROPOSED PAVEMENT MARKINGS AND MARKERS ON SR 1124 (NINE FOOT ROAD).
- STEP 3 - REMOVE ALL TRAFFIC CONTROL DEVICES AND RE-OPEN SR 1124 (NINE FOOT ROAD) TO A 2-LANE, 2-WAY TRAFFIC PATTERN.

GENERAL NOTES FOR WORK ZONE SIGNS:

- 1) THE WORK OF COVERING ANY EXISTING SIGNS WILL BE INCIDENTAL TO THE DETOUR SIGNING.
- 2) ALL DETOUR SIGNING SHOWN ON THIS SHEET WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR WORK ZONE SIGNS - "STATIONARY".
- 3) ALL SIGN LOCATIONS WILL BE VERIFIED BY THE ENGINEER PRIOR TO INSTALLATION.
- 4) REFER TO RSD 1101.03, SHEET 1 OF 9 FOR ADDITIONAL INFORMATION REGARDING SIGN PLACEMENT AND SPACING.
- 5) THE DIVISION WILL BE RESPONSIBLE TO MONITOR AND ADJUST SIGNAL TIMINGS ALONG THE DETOUR ROUTE AS NECESSARY.



APPROVED: *J. Sakakura* DATE: 3/16/08

SEAL

OFF-SITE DETOUR / PHASING		REVISIONS
SCALE: NONE	DATE: 02/08	
DWG. BY: RMG	DESIGN BY: RMG	
REVIEWED BY: JDK		

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W20-2
48" X 48"

A



W20-3
48" X 48"

B



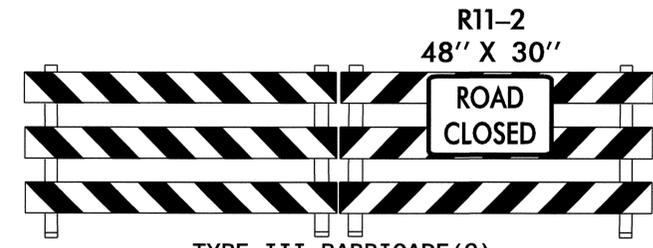
W20-3
48" X 48"

C



W20-3
48" X 48"

D



R11-2
48" X 30"

TYPE III BARRICADE(S)

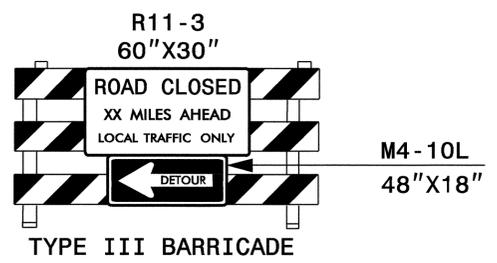
E



R11-4
60" X 30"

TYPE III BARRICADE

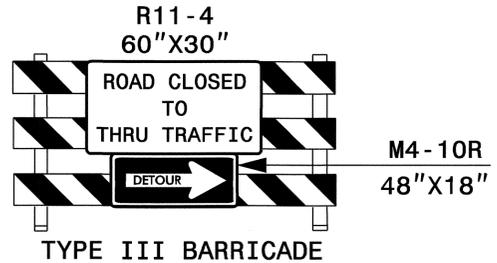
F



R11-3
60" X 30"

TYPE III BARRICADE

G



R11-4
60" X 30"

TYPE III BARRICADE

H



W20-3
48" X 48"



SP-4R
42" X 12"

I

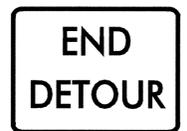


W20-3
48" X 48"



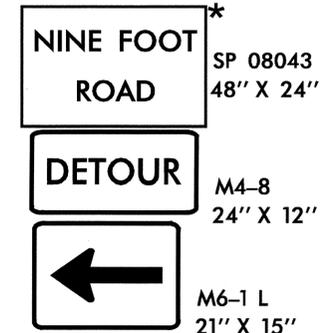
SP-4L
42" X 12"

J



M4-8 A
24" X 18"

K

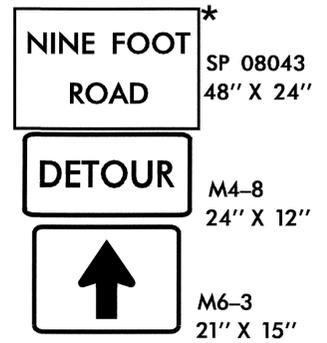


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SP 08043
48" X 24"

M4-8
24" X 12"

M6-1 L
21" X 15"

L

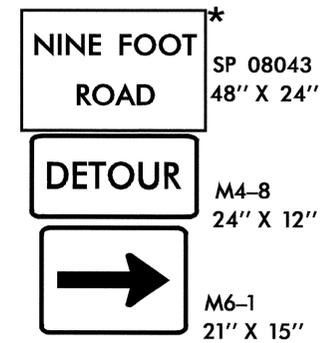


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SP 08043
48" X 24"

M4-8
24" X 12"

M6-3
21" X 15"

M



*
SP 08043
48" X 24"

M4-8
24" X 12"

M6-1
21" X 15"

N

* SEE SHEET SD - 1 FOR SPECIAL SIGN DESIGN.

APPROVED: <i>Joscafus</i> DATE: 3/9/08	DETOUR SIGNING							
	SCALE: NONE							
	DATE: 02/08							
	DESIGN BY: RMG							
	REVIEWED BY: JDK							
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