

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

STATE PROJECT REFERENCE NO.	SHEET NO.
B-4285	TCP-1

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

B-4285

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 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
1205.01	PAVEMENT MARKINGS - LINE TYPES & OFFSETS
1205.02	PAVEMENT MARKINGS - 2 LANE & MULTILANE ROADWAYS
1205.12	PAVEMENT MARKINGS - BRIDGES

INDEX OF SHEETS

SHEET NO.	TITLE
TCP-1	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, LEGEND, INDEX OF SHEETS AND FINAL PAVEMENT MARKING SCHEDULE
TCP-2	PROJECT NOTES AND PHASING
TCP-3	DETOUR ROUTE AND BARRICADE PLACEMENT
SD-1	TRAFFIC DETOUR SIGNING

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
- 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

FINAL PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION	PAY ITEM	QUANTITY BREAKDOWN	TOTAL QUANTITY
		PAVEMENT MARKINGS		
		PAINT(4")		
PA	WHITE EDGELINE (2X)		3500 LF	
PI	YELLOW DOUBLE CENTER (2X)		3500 LF	
			TOTAL	7000 LF

NOTE: FOR EACH PAVEMENT MARKING ITEM, 1X IMPLIES A SINGLE APPLICATION, 2X IMPLIES TWO APPLICATION, AND 3X IMPLIES THREE APPLICATION

APPROVED:
DATE:



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

- J. S. BOURNE, PE **TRAFFIC CONTROL ENGINEER**
- J. ISHAK, PE **TRAFFIC CONTROL PROJECT ENGINEER**
- J.L. PORTANOVA, PE **TRAFFIC CONTROL PROJECT DESIGN ENGINEER**
- E.K. GROUNDWATER **TRAFFIC CONTROL DESIGN ENGINEER**

TIP PROJECT:

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 UNDESIRABLE 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
MILLER RD. (SR 1625)	PAINT	N/A

- 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

NOTE: MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

STEP 1: USING RSD 1101.03 SHEET 1 OF 9 AND SHEET TCP-3 , INSTALL DETOUR SIGNS AND PLACE TYPE III BARRICADES TO CLOSE MILLER RD. (SR 1625) TO THRU TRAFFIC AND DETOUR TRAFFIC ONTO PROPOSED DETOUR.

STEP 2: AWAY FROM TRAFFIC, PERFORM THE FOLLOWING:

- CONSTRUCT PROPOSED -DRWREV- TO MILLER RD. (SR 1625)
- CLOSE EXISTING DRIVEWAY AND PLACE TRAFFIC ON -DRWREV-





STEP 3: AWAY FROM TRAFFIC, PERFORM THE FOLLOWING:

- REMOVE EXISTING STRUCTURE NO. 221 AND CONSTRUCT PROPOSED STRUCTURE. SEE ROADWAY PLANS.
- CONSTRUCT PROPOSED -L- UP TO AND INCLUDING THE FINAL LAYER OF SURFACE COURSE.
- PLACE PERMANENT PAVEMENT MARKINGS (PAINT) ON PROPOSED -L- MILLER RD. (SR 1625) AND TIE INTO EXISTING MARKINGS.

STEP 4: REMOVE ALL TRAFFIC CONTROL DEVICES AND REMOVE ALL DETOUR SIGNING.

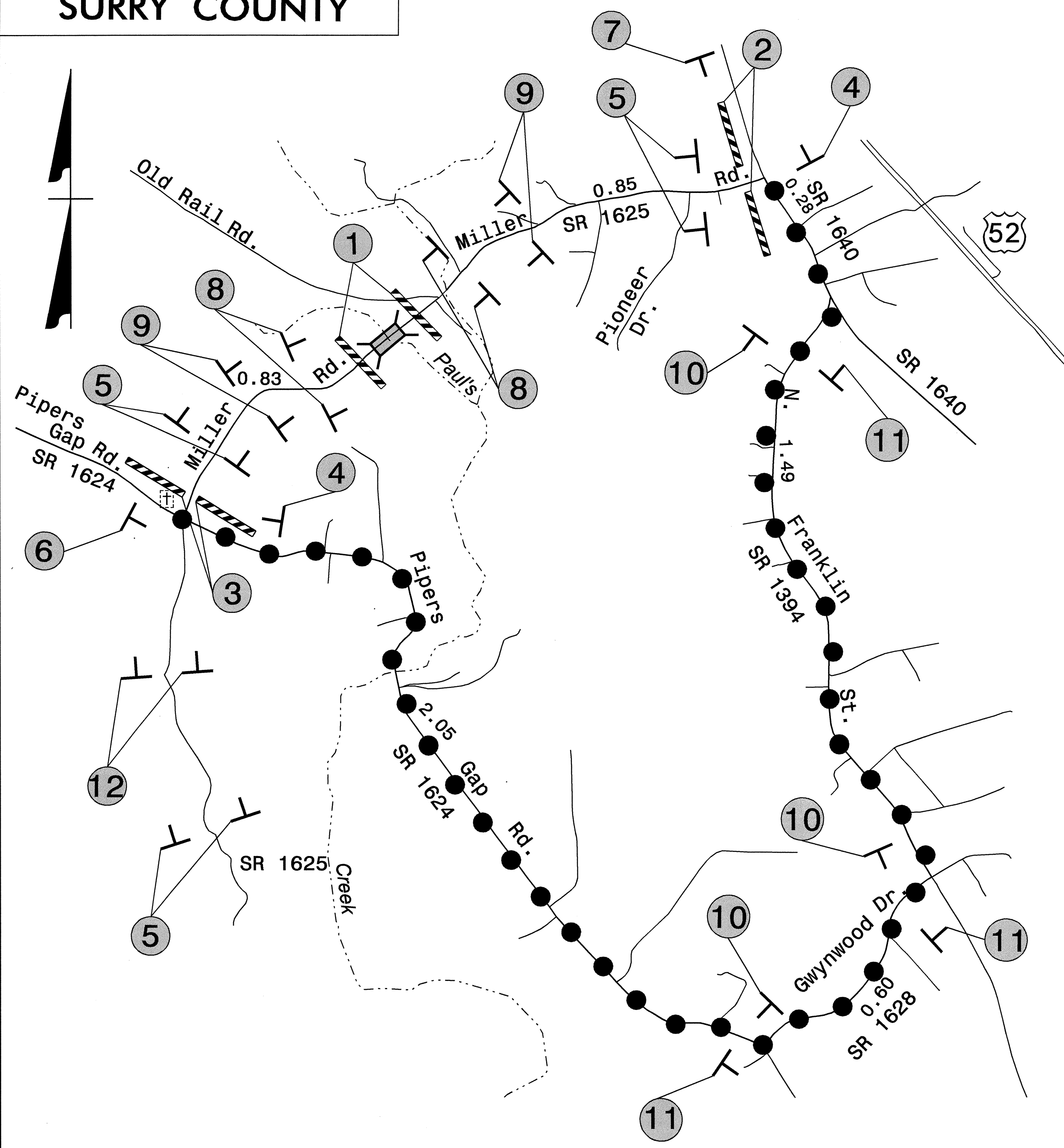
- OPEN MILLER RD. (SR 1625) TO TWO-LANE, TWO-WAY TRAFFIC.

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APPROVED: _____ DATE: _____	PROJECT NOTES AND PHASING													
														
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SURRY COUNTY

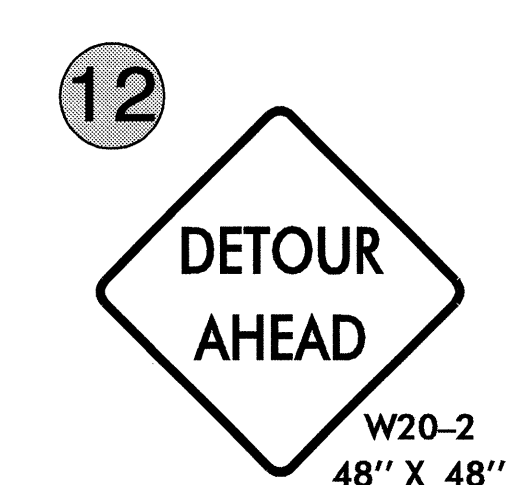
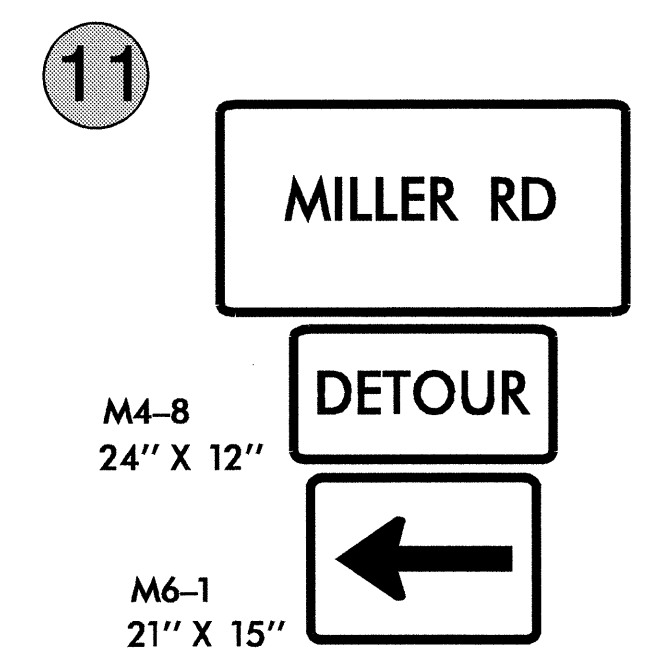
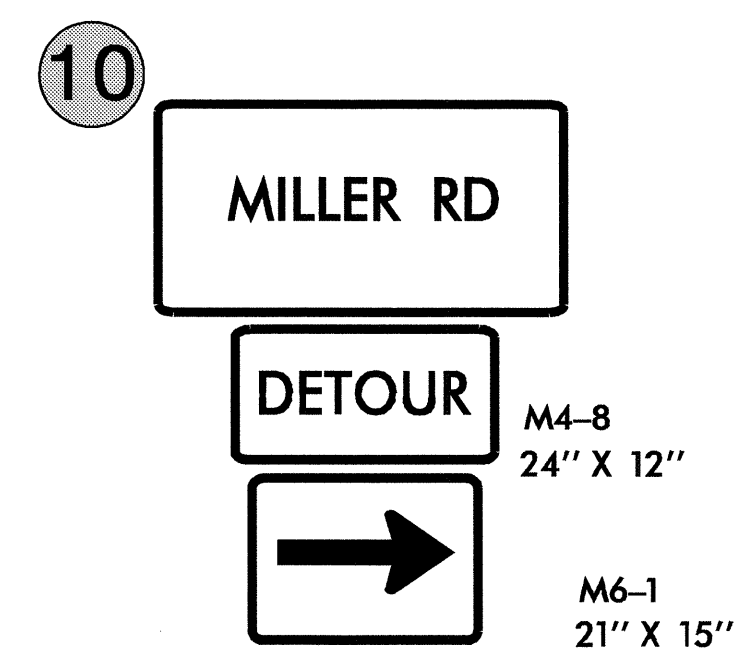
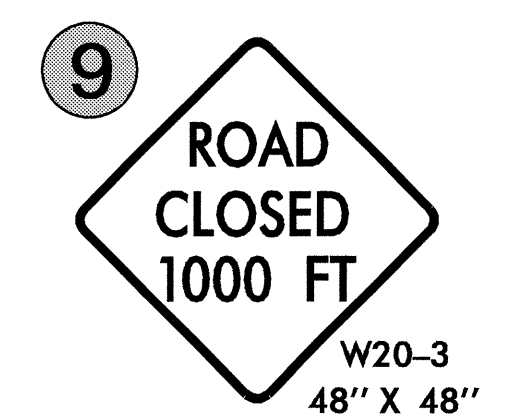
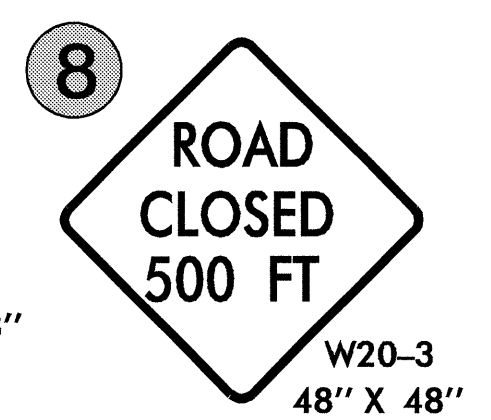
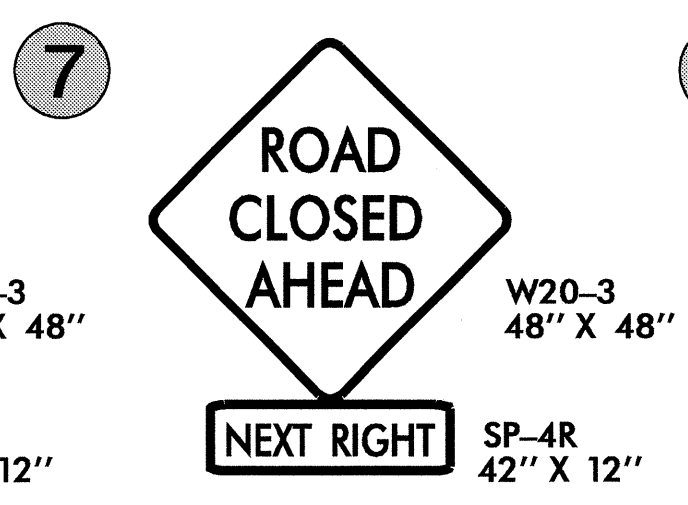
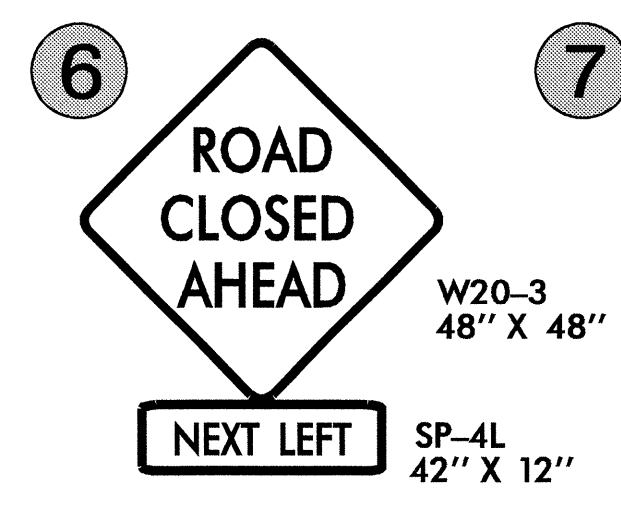
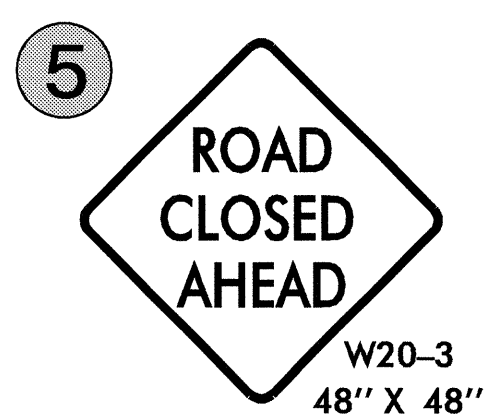
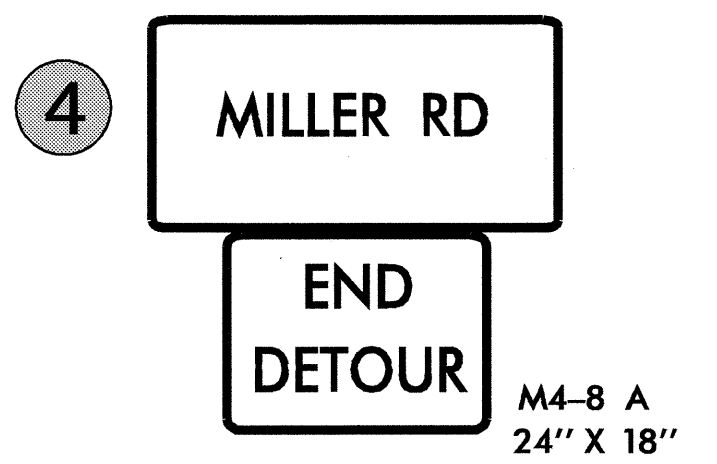
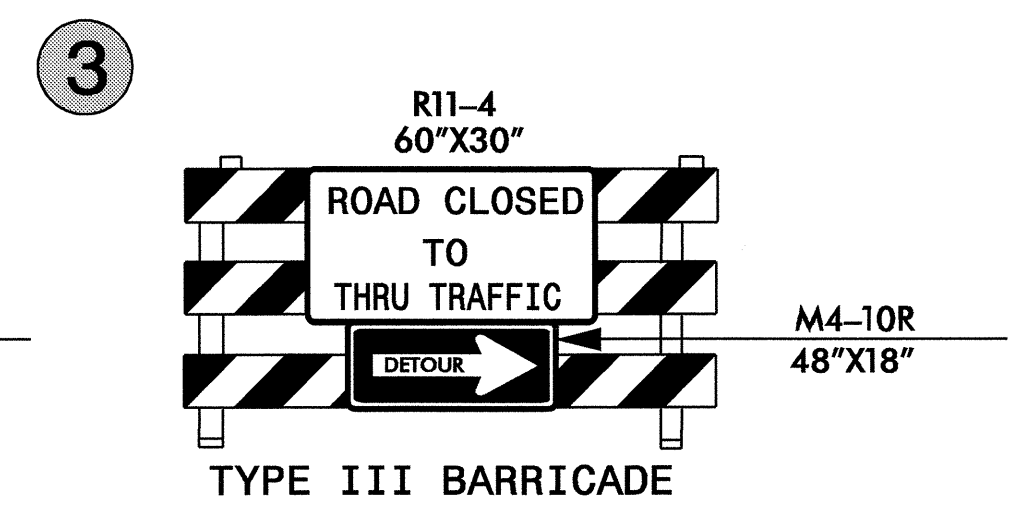
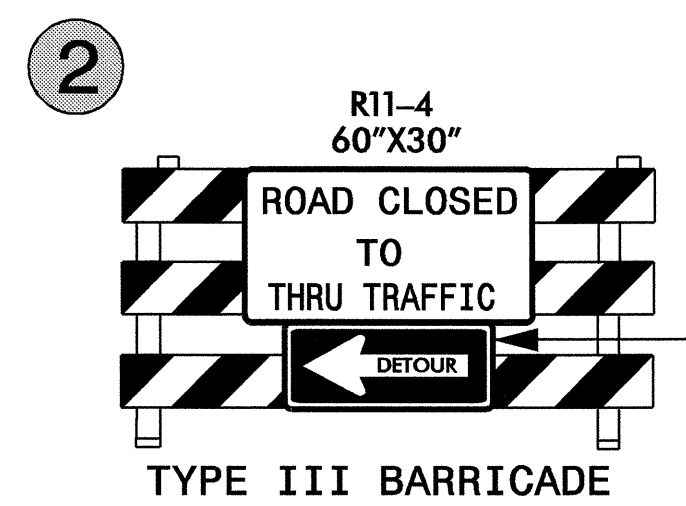
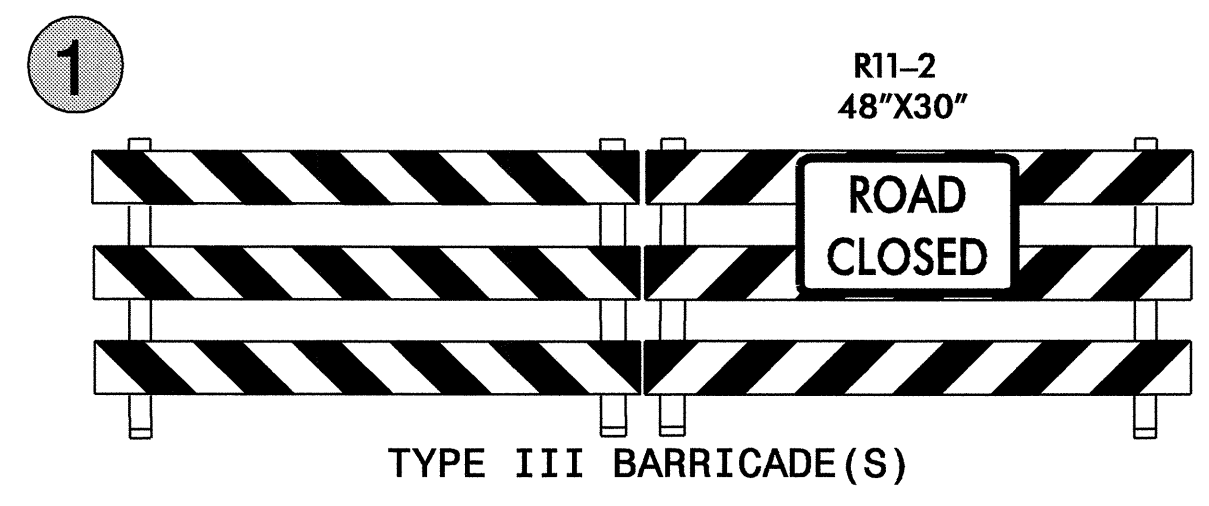
PROJ. REFERENCE NO. B-4285	SHEET NO. TCP-3
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NOTES:

1. SEE SHEET SD-1 FOR DETOUR SIGN DESIGN
2. REFER TO RSD 1101.03, SHEET 1 OF 9 FOR SIGN DISTANCES.

OFF-SITE DETOUR ROUTE ● — ● — ●



APPROVED: _____ DATE: _____	DETOUR ROUTE AND BARRICADE PLACEMENT							
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