

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

STATE PROJECT REFERENCE NO.	SHEET NO.
B-4312	TCP-1

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

B-4312

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 JANUARY 2002 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
1145.01	BARRICADES
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 MARKING SCHEDULE
TCP-2	PROJECT NOTES AND PHASING
TCP-3	DETOUR ROUTE AND BARRICADE PLACEMENT
SD-1	SPECIAL SIGN DESIGN

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
FINAL PAVEMENT MARKINGS			
	PAINT (4")		
PA	WHITE EDGELINE (2X)	4600 LF	
PI	YELLOW DOUBLE CENTER (2X)	4600 LF	
		TOTAL	9200 LF
MARKERS			
PERMANENT RAISED PAVEMENT MARKERS			
MA	YELLOW & YELLOW	19 EA	
		TOTAL	19 EA

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

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 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
SHOCCO SPRINGS RD (SR 1613)	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



STEP 1: USING RSD 1101.03, SHEET 1 OF 9 AND SHEETS TCP-3 AND SD-1, INSTALL DETOUR SIGNS. PLACE TYPE III BARRICADES TO CLOSE SR 1613 (SHOCCO SPRINGS RD.) TO THROUGH TRAFFIC, AND DETOUR TRAFFIC ONTO PROPOSED DETOUR.

STEP 2: AWAY FROM TRAFFIC, COMPLETE THE FOLLOWING:

- 1) REMOVE EXISTING STRUCTURE No. 42 AND CONSTRUCT PROPOSED STRUCTURE. SEE ROADWAY AND STRUCTURE PLANS.
- 2) CONSTRUCT PROPOSED ROADWAY UP TO AND INCLUDING THE FINAL LAYER OF SURFACE COURSE FROM -L- STA. 15+50 +/- TO -L- STA. 26+80 +/- . SEE ROADWAY PLANS.
- 3) PLACE FINAL PAVEMENT MARKINGS (PAINT) AND MARKERS (PERMANENT RAISED) FROM -L- STA. 15+50 +/- TO -L- STA. 26+80 +/- , AND TIE TO EXISTING MARKINGS.

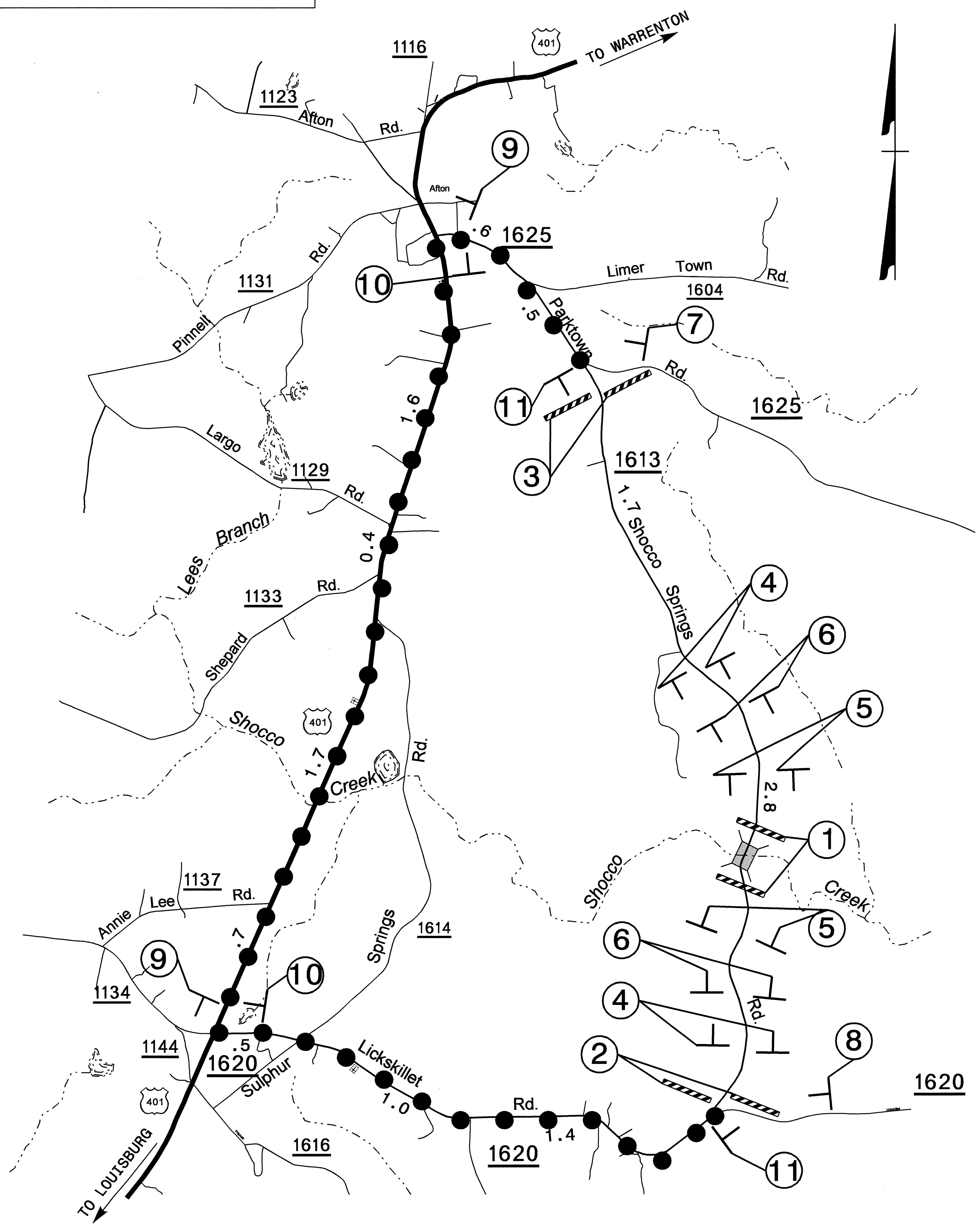
STEP 3: REMOVE ALL TRAFFIC CONTROL DEVICES AND ALL DETOUR SIGNING. OPEN SR 1613 (SHOCCO SPRINGS RD.) TO A TWO-LANE, TWO-WAY TRAFFIC PATTERN.

28-JAN-2008 07:09
 \\dot\dfs\ocof01\Proj\TIPPr\Projects-B\B4312\TrafficControl\TCP\Final TCP\B-4312.tc_top-2.dgn
 ekgroundwater AT WZTC2464

APPROVED: _____ DATE: _____	PROJECT NOTES AND PHASING		<table border="1"> <tr> <td>SCALE: NONE</td> <td>REVISIONS</td> </tr> <tr> <td>DATE: JAN/08</td> <td></td> </tr> <tr> <td>DWG. BY: EKG</td> <td></td> </tr> <tr> <td>DESIGN BY: EKG</td> <td></td> </tr> <tr> <td>REVIEWED BY: JLP</td> <td></td> </tr> </table>		SCALE: NONE	REVISIONS	DATE: JAN/08		DWG. BY: EKG		DESIGN BY: EKG		REVIEWED BY: JLP	
SCALE: NONE					REVISIONS									
DATE: JAN/08														
DWG. BY: EKG														
DESIGN BY: EKG														
REVIEWED BY: JLP														
		<table border="1"> <tr> <td>CAD FILE</td> <td></td> </tr> </table>		CAD FILE										
CAD FILE														

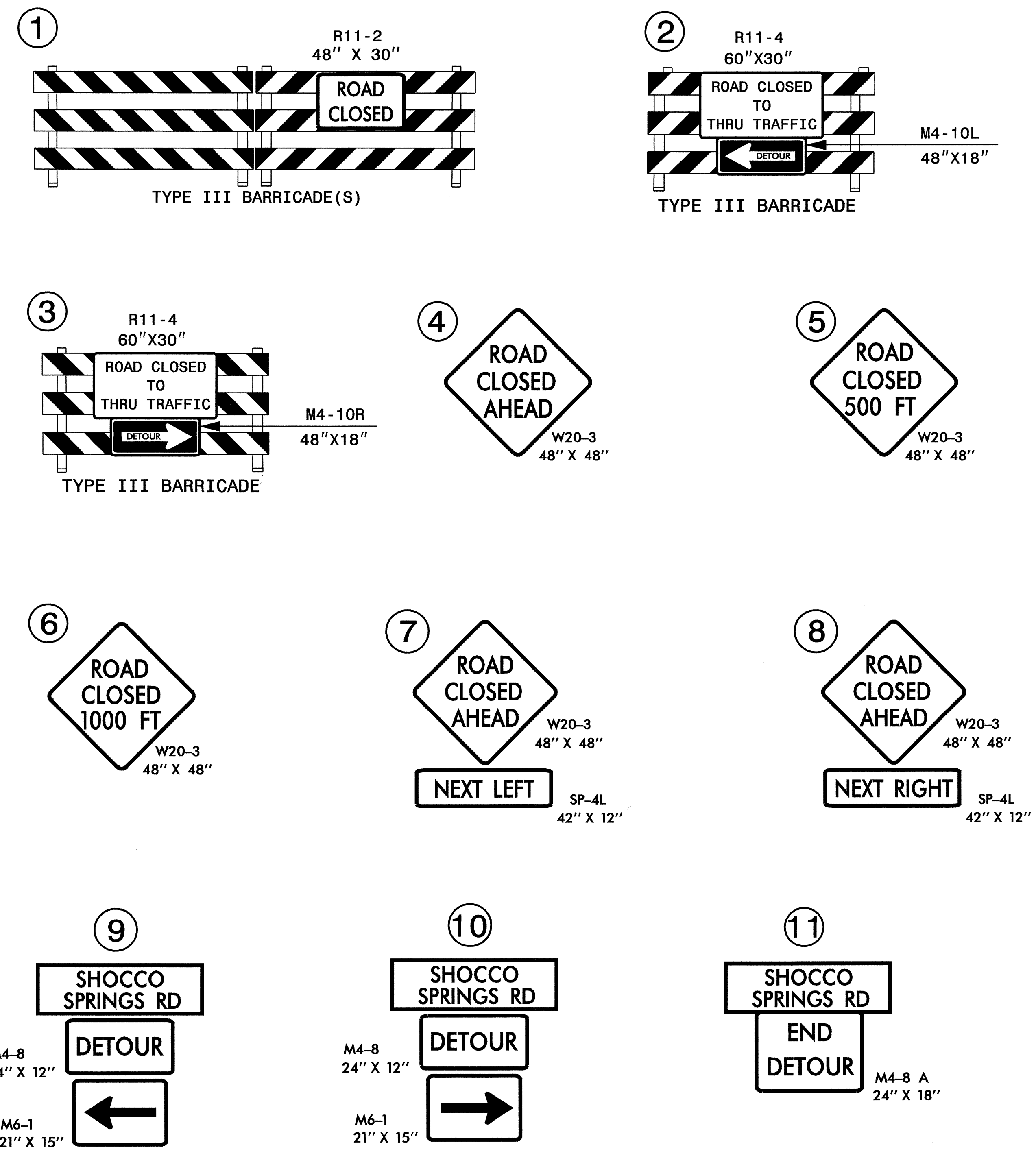
WARREN COUNTY

PROJ. REFERENCE NO.	SHEET NO.
B-4312	TCP-3



OFF-SITE DETOUR ROUTE

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



APPROVED: _____ DATE: _____	DETOUR ROUTE AND BARRICADE PLACEMENT		
	SCALE: NONE		
	DATE: 01/08		REVISIONS
	DESIGN BY: EKG		
	REVIEWED BY: JLP		

28-JAN-2008 09:06
 I:\dot\dfsroot\Projects-B\4312\TrafficControl\TCP\Final\TCP-b-4312_t-c_top-3.dgn
 AT WZTC224164
 ekgroundwater