

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

STATE PROJECT REFERENCE NO.	SHEET NO.
B - 4 2 5 4	TCP-1

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

ROCKINGHAM 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
1101.03	TEMPORARY ROAD CLOSURES
1101.05	WORK ZONE VEHICLE ACCESSES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE 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
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, INDEX OF SHEETS, GENERAL NOTES, FINAL PAVEMENT MARKING SCHEDULE
TCP-2	PHASING, DETOUR ROUTE
TCP-3	SIGN DESIGN

FINAL PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION
FINAL PAVEMENT MARKINGS PAINT(4")	
PA	WHITE EDGELINE (2X)
PI	YELLOW DOUBLE CENTER (2X)
MARKERS PERMANENT RAISED PAVEMENT MARKERS	
MA	YELLOW & YELLOW
NOTE: FOR EACH PAINT PAVEMENT MARKING ITEM, 1X IMPLIES A SINGLE APPLICATION, 2X IMPLIES TWO APPLICATIONS, AND 3X IMPLIES THREE APPLICATIONS.	

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) 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 AND 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
CANDY CREEK RD	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.

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

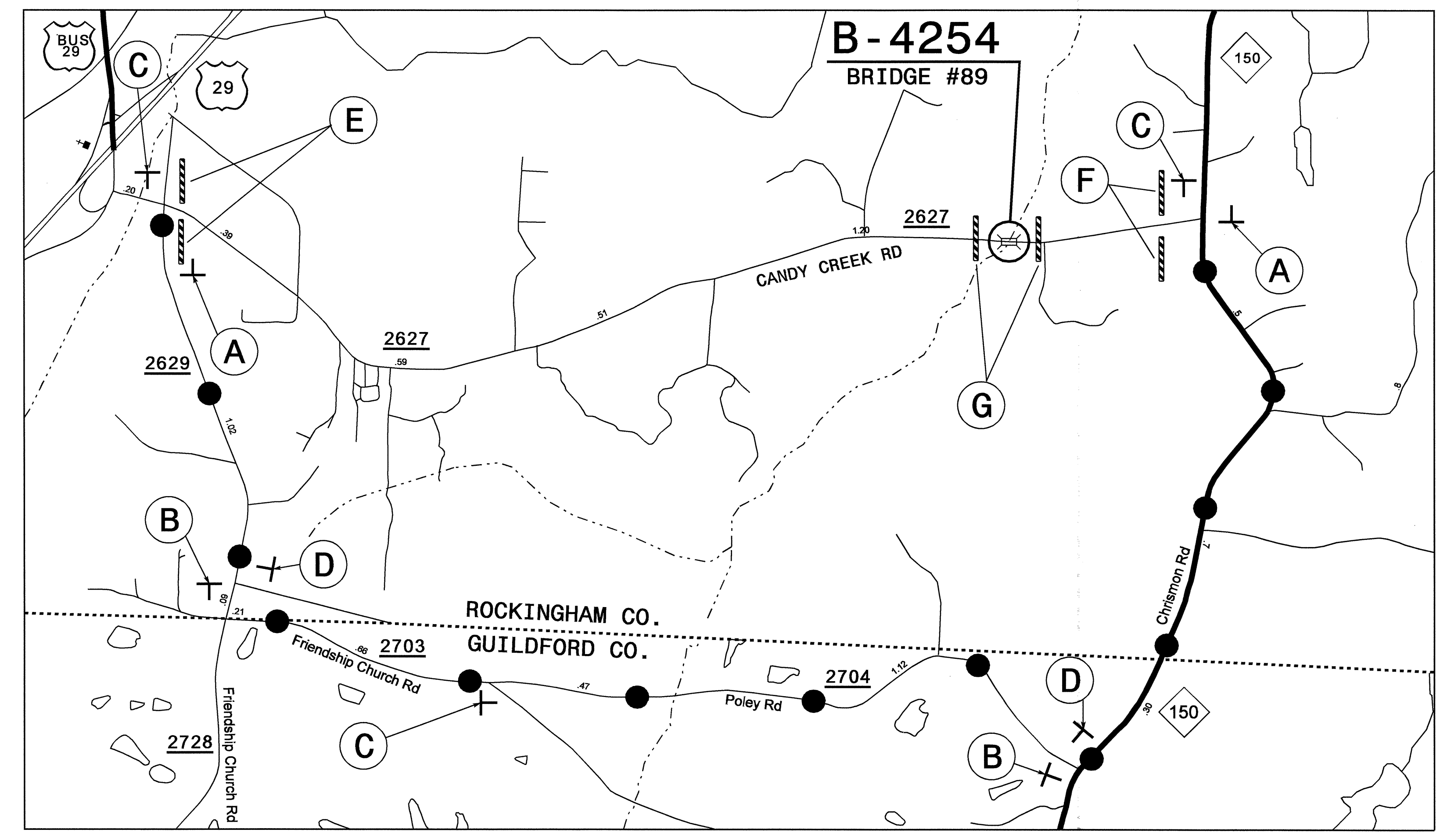
APPROVED: DATE:	PLAN PREPARED BY: N.C.D.O.T. WORK ZONE TRAFFIC CONTROL UNIT
	J. S. BOURNE, PE TRAFFIC CONTROL ENGINEER
	G. L. GETTIER, PE TRAFFIC CONTROL PROJECT ENGINEER
	J. W. WOOLARD, PE TRAFFIC CONTROL PROJECT DESIGN ENGINEER
	L. K. DONALDSON TRAFFIC CONTROL DESIGN ENGINEER / TECHNICIAN

B-4254

TIP PROJECT:

PHASING

- STEP 1**
INSTALL OFF-SITE DETOUR SIGNING AS SHOWN ON TCP-2. CLOSE CANDY CREEK ROAD FROM STA. 13+00 -L- TO STA. 22+50 -L- IN ACCORDANCE WITH ROADWAY STANDARD DRAWING 1101.03 SHEET 1 OF 9, AND PLACE TRAFFIC ON OFF-SITE DETOUR ROUTE.
- IF WORK IS NOT PURSUED WITHIN THREE DAYS OF SIGN INSTALLATION, THE SIGNS SHALL BE COVERED OR REMOVED IN A METHOD APPROVED BY THE ENGINEER ACCORDING TO STANDARD SPECIFICATION SECTION 1110.
- STEP 2**
REMOVE EXISTING STRUCTURE AND CONSTRUCT NEW STRUCTURE AND ROADWAY APPROACHES FROM 13+00 -L- TO 22+50 -L- UP TO AND INCLUDING FINAL SURFACE COURSE. PLACE FINAL PAVEMENT MARKINGS. REFER TO ROADWAY STANDARD DRAWINGS NO. 1205.01, 1205.02, AND 1205.12.
- STEP 3**
REMOVE ALL TYPE III BARRICADES AND ALL DETOUR SIGNING AND RE-OPEN CANDY CREEK ROAD (-L-) TO 2-LANE, 2-WAY TRAFFIC.
- NOTE: MAINTAIN ACCESS TO ALL DRIVEWAYS AND SECONDARY ROADS THROUGHOUT THE PROJECT FOR THE DURATION OF THE PROJECT

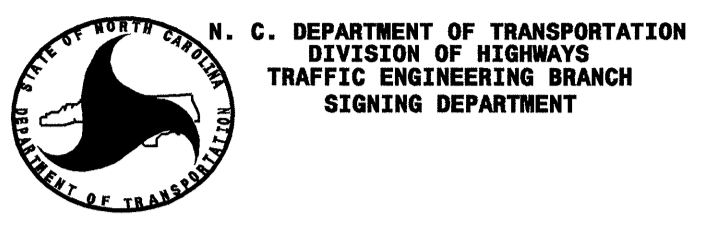


<p>A</p> <p>END DETOUR</p> <p>M4-8 A 24" X 18"</p>	<p>B</p> <p>CANDY CREEK RD 42" X 24"</p> <p>DETOUR</p> <p>M4-8 24" X 12"</p> <p>←</p> <p>M6-1 L 21" X 15"</p>	<p>E</p> <p>R11-3 60" X 30"</p> <p>ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY</p> <p>←</p> <p>M4-10R 48" X 18"</p> <p>TYPE III BARRICADE</p>	<p>F</p> <p>R11-3 60" X 30"</p> <p>ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY</p> <p>←</p> <p>M4-10L 48" X 18"</p> <p>TYPE III BARRICADE</p>
<p>C</p> <p>CANDY CREEK RD 42" X 24"</p> <p>DETOUR</p> <p>M4-8 24" X 12"</p> <p>↑</p> <p>M6-3 21" X 15"</p>	<p>D</p> <p>CANDY CREEK RD 42" X 24"</p> <p>DETOUR</p> <p>M4-8 24" X 12"</p> <p>→</p> <p>M6-1 21" X 15"</p>	<p>G</p> <p>R11-2 48" X 30"</p> <p>ROAD CLOSED</p> <p>TYPE III BARRICADE(S)</p>	

NOTE: SEE SHEET TCP-3 FOR DETOUR SIGN DESIGN.

APPROVED:	DATE:	<h3>PHASING NOTES AND DETOUR ROUTE</h3>	
SCALE:	NONE		REVISIONS
DATE:			
DWG. BY:	LKD		
DESIGN BY:	LKD		
REVIEWED BY:	JWW		

06-AUG-2007 10:53
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 idonaldson AT WZ121223



SIGN NUMBER: SP07018
TYPE: D
QUANTITY:
SIGN WIDTH: 42"
HEIGHT: 24"
TOTAL AREA: 7.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0.38"
WIDTH: 0.63"
RADII: 1.5"
NO. Z BARS:
LENGTH:

BACKG COLOR: Fluorescent Orange
COPY COLOR: Black

SYMBOL	X	Y	WID	HT

MAT'L: 0.080" (2.0 mm) ALUMINUM
0.079" COMPOSITE

DESIGN BY: R. HENNEIN
PROJECT ID: B-4254

CHECKED BY:
DIV: 7

STD #: N/A
DATE: Jan 23, 2007



USE NOTES:
1. Legend and border shall be direct applied non-reflective sheeting.
2. Background shall be Type VII, VIII, IX (prismatic) retroreflective sheeting.

LETTER POSITIONS

Letter spacings are to start of next letter

Letter Spacing Data											Series/Size	
	C	A	N	D	Y							Text Length
	10.3	4.1	4.7	4.7	4.1	3.8	10.3					C 2000 21.4
		C	R	E	E	K		R	D			C 2000 33.7
	4.2	4.4	4.3	4	4	3.4	6	4.3	3.4	4.2		

Spacing Factor is 1 unless specified otherwise

FILENAME: SP07018_candycreekrd

NORTH CAROLINA D.O.T. SIGN DETAIL

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APPROVED:	DATE:	SIGN DESIGN	SCALE: NONE		REVISIONS
	8/6/07		DESIGN BY: LKD		REVIEWED BY: JWW