

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

STATE PROJECT REFERENCE NO.	SHEET NO.
B-4218	TCP-01

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

GENERAL NOTES

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
1110.01	STATIONARY WORK ZONE SIGNS
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-01	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, PROJECT PHASING, PAVEMENT MARKING SCHEDULE, INDEX OF SHEETS, LEGEND, AND GENERAL NOTES
TCP-02	DETOUR ROUTE, SIGNING AND SIGN DESIGN

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.

- A) ADAPT THE TRAFFIC CONTROL PLANS, WHEN BY THE ENGINEER, TO MEET FIELD CONDITIONS TO PROVIDE SAFE AND EFFICIENT TRAFFIC MOVEMENT. CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAIL DRAWINGS, STANDARD DETAILS AND ROADWAY DETAILS ARE NOT ATTAINABLE, OR RESULT IN DUPLICATE, OR UNDESIRE OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING OR REMOVAL OF DEVICES.

TRAFFIC PATTERN ALTERATIONS

- B) NOTIFY THE ENGINEER 21 CALENDER DAYS PRIOR TO ANY TRAFFIC PATTERN ALTERATIONS.

SIGNING

- C) STATE FORCES WILL BE RESPONSIBLE FOR PERMANENT SIGNING.
D) PROVIDE DETOUR SIGNING WITHIN AND OFF THE PROJECT LIMITS.
E) COVER OR REMOVE ALL DETOUR SIGNS WHEN A DETOUR IS NOT IN OPERATION.
F) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.

TRAFFIC CONTROL DEVICES

- G) PLACE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN (R11-2) ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY. STAGGER OR OVERLAP BARRICADES TO ALLOW FOR INGRESS AND EGRESS.

PAVEMENT MARKINGS AND MARKERS

- H) INSTALL PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE FINAL SURFACE AS FOLLOWS:
- | ROAD NAME | MARKING | MARKER |
|---------------------------|---------|------------------|
| SR 1730 (TURKEY FARM RD.) | PAINT | PERMANENT RAISED |
- I) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
J) PLACE AT LEAST TWO APPLICATIONS OF PAINT PAVEMENT MARKINGS ON THE FINAL WEARING SURFACE ON NEW ASPHALT PAVEMENT. PLACE ADDITIONAL APPLICATIONS OF PAINT UPON SUFFICIENT DRYING TIME, AS DETERMINED BY THE ENGINEER.
K) REPLACE ANY PAVEMENT MARKINGS THAT HAVE BEEN DAMAGED BY THE END OF EACH DAY'S OPERATION.

PROJECT PHASING

- STEP 1: - INSTALL ALL OFF-SITE DETOUR SIGNS AS SHOWN ON TCP-2.
- USING ROADWAY STANDARD DRAWING NO. 1101.03, SHEET 1 OF 9 CLOSE SR 1730 (TURKEY FARM RD. / -L-) BETWEEN STA. 12+50 +/- -L- AND STA. 17+40 +/- -L- (SEE TCP-2).
STEP 2: - REMOVE THE EXISTING STRUCTURE AND CONSTRUCT THE PROPOSED STRUCTURE AND ROADWAY APPROACHES UP TO AND INCLUDING THE FINAL LAYER OF SURFACE COURSE. (SEE CONSTRUCTION PLANS)
- PLACE FINAL PAVEMENT MARKINGS (PAINT) AND RAISED PAVEMENT MARKERS.
STEP 3: - REMOVE ALL TYPE III BARRICADES AND ALL DETOUR SIGNING.
OPEN SR 1730 (TURKEY FARM RD.) TO 2-LANE, 2-WAY TRAFFIC.

LEGEND

- GENERAL**
- NORTH ARROW
 - WORK AREA
 - DETOUR

TRAFFIC CONTROL DEVICES

- TYPE III BARRICADE
- STATIONARY SIGN

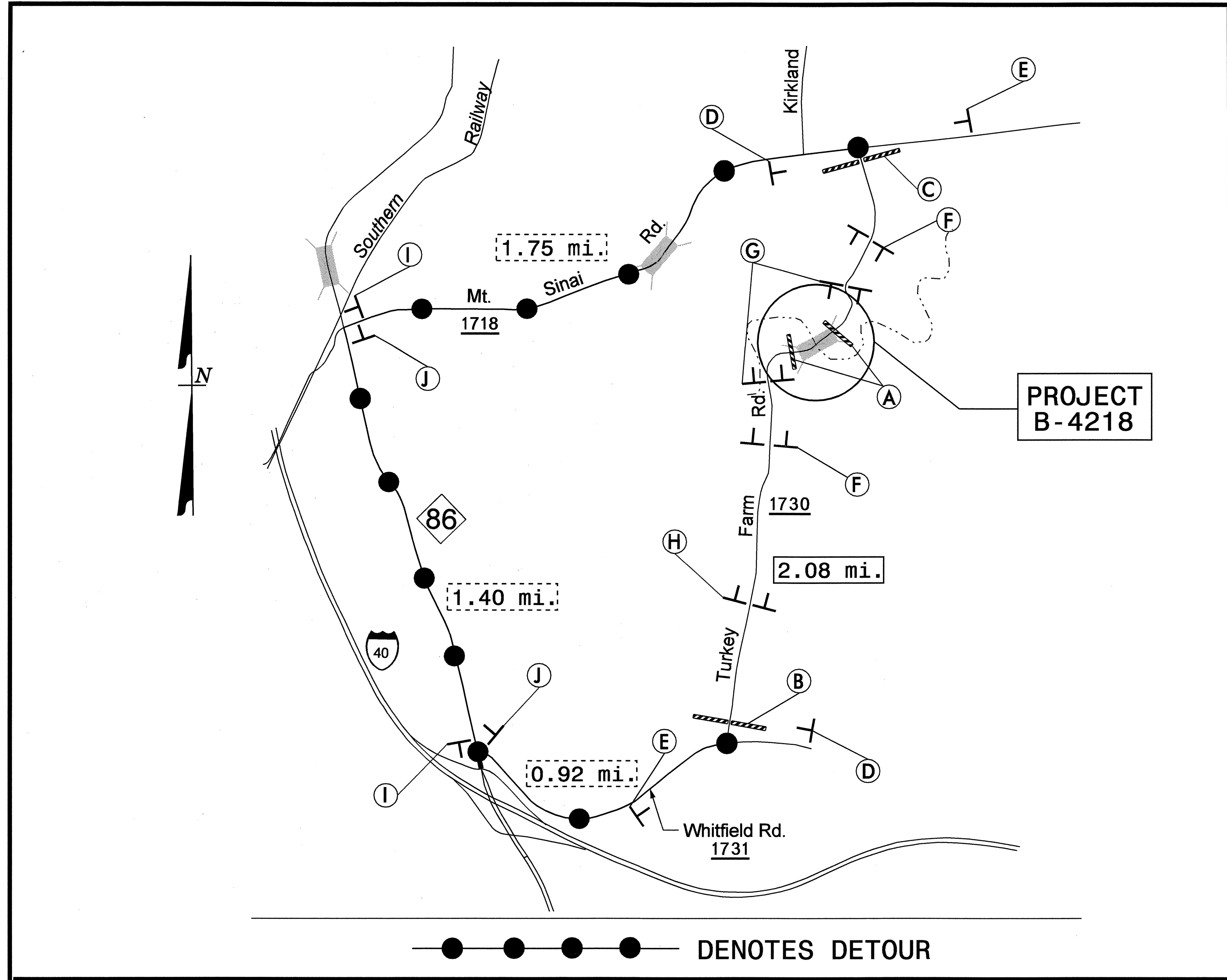
PAVEMENT MARKING SCHEDULE

DESCRIPTION	QTY BREAKDOWN	PAY ITEM	TOTAL QUANTITY
PA WHITE EDGELINE	2700 L.F.	PAINT (4")	5400 L.F.
PI YELLOW DOUBLE CENTERLINE	2700 L.F.		
YELLOW / YELLOW	17	RAISED PERMANENT MARKERS	17

APPROVED:	PLAN PREPARED BY: N.C.D.O.T. WORK ZONE TRAFFIC CONTROL UNIT
DATE: February 26, 2008	
SEAL	STUART BOURNE, P.E. TRAFFIC CONTROL ENGINEER
	J. STEVE KITE, P.E. TRAFFIC CONTROL PROJECT ENGINEER
	DON PARKER TRAFFIC CONTROL PROJECT DESIGN ENGINEER
	ASHVIN PATEL TRAFFIC CONTROL DESIGN ENGINEER / TECHNICIAN

B-4218

TIP PROJECT:



Sign Number: Type: D Ground Quantity: 1
 Design By: DME Project ID: B-4218
 Check By: DIV: 4
 STD #: N/A Date: Mar 31, 2006
 N. C. DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS TRAFFIC ENGINEERING BRANCH SIGNING DEPARTMENT

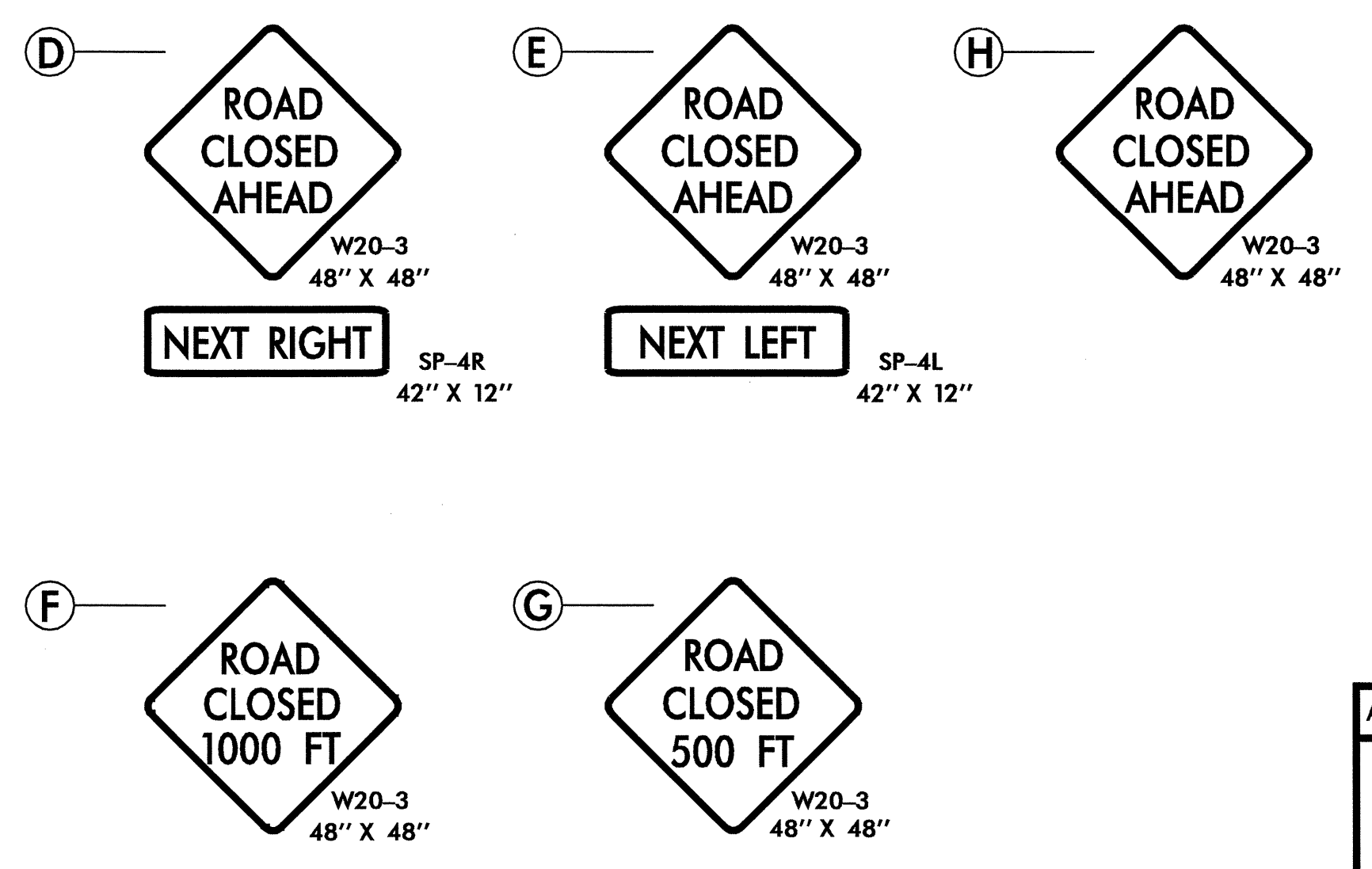
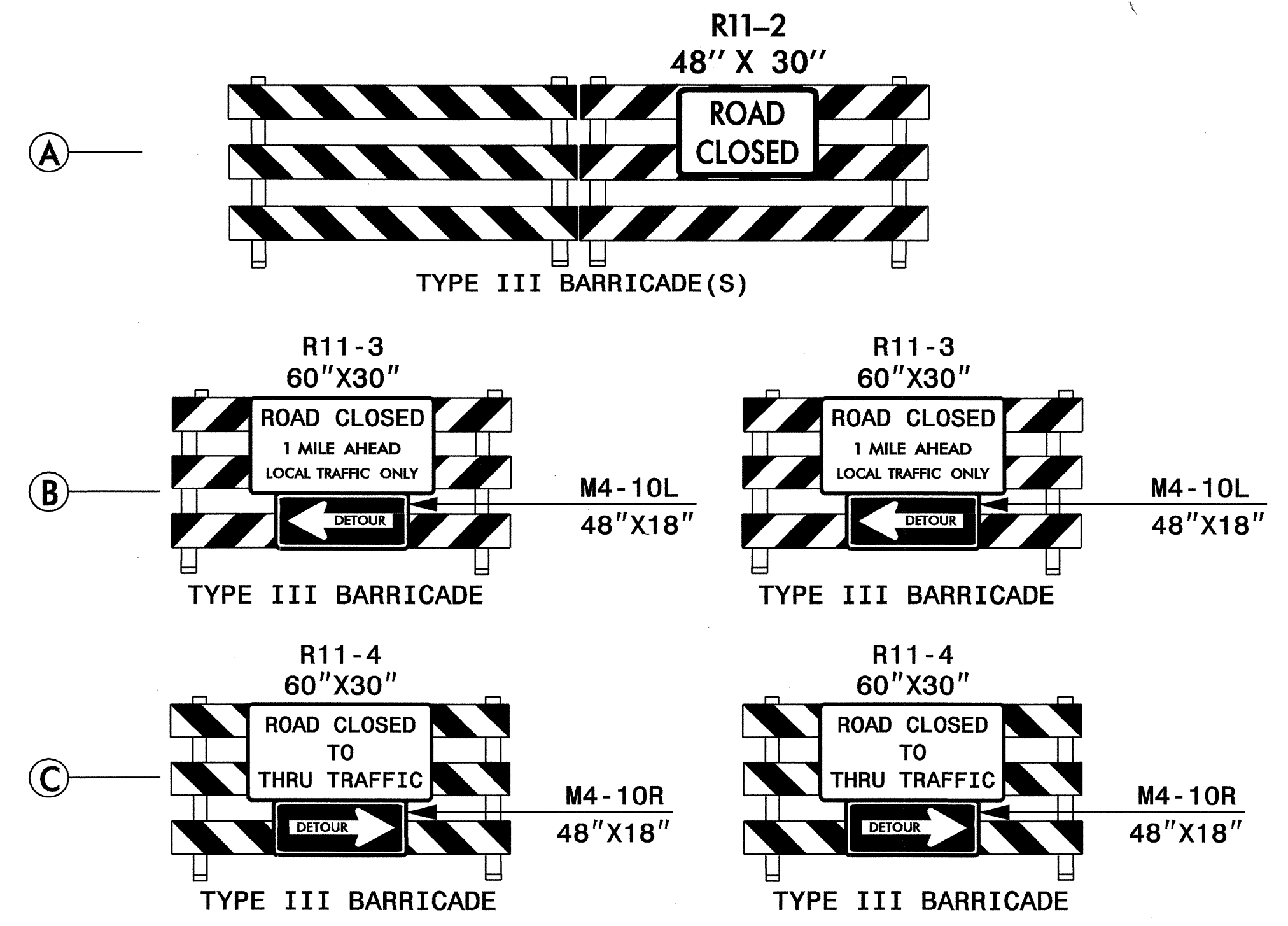
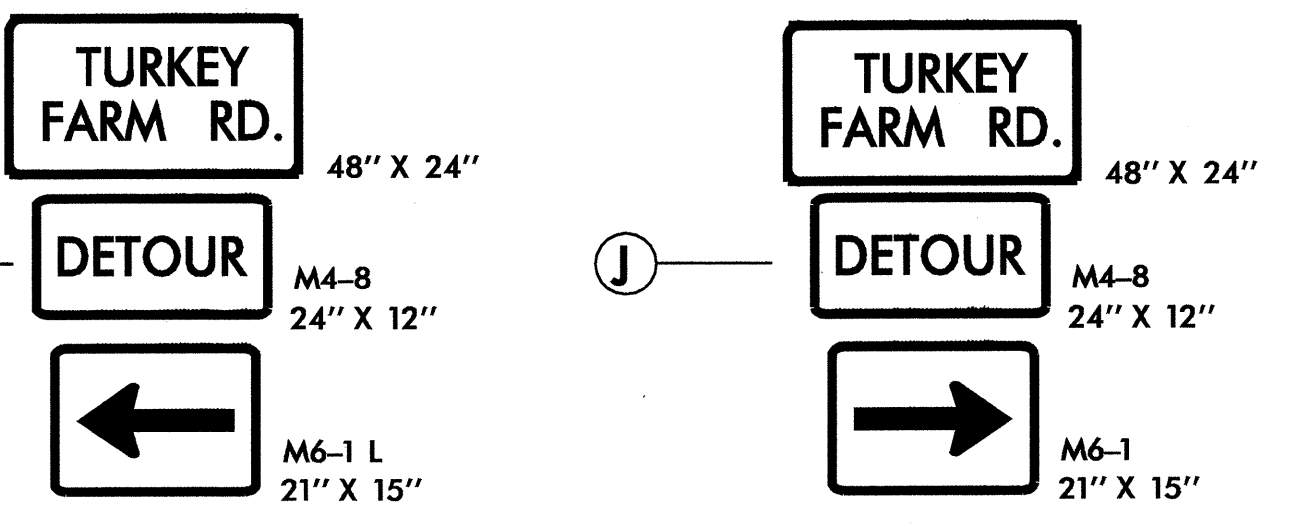
Sign Width: 4'-0" Height: 2'-0" Total Area: 8.0 Sq.Ft.
 Background Color: Fluorescent Orange Legend & Border Color: Black
 Border Type: Recessed Recess: 0.38" Width: 0.63" Radii: 1.5"
 Backing Material: 0.125 in. Aluminum 0.079 in. Composite

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

Letter spacings are to start of next letter

	T	U	R	K	E	Y												Series/Size
	8.8	4.8	5.5	5.5	5.3	4.4	5.1	8.8										D
																		30.4
																		D
	5.9	4.4	6.1	5.5	4.6	6	5.5	4	5.9									36.1

Spacing Factor is 1 unless specified otherwise



NOTE: SEE RSD 1101.03, SHEET 1 OF 9 FOR ADVANCE WARNING SIGNAGE AND BARRICADE PLACEMENT.

APPROVED: [Signature] DATE: 02/21/08

SEAL: [Professional Engineer Seal]

DETOUR ROUTE, SIGNING AND SIGN DESIGN

SCALE: NONE
 DATE: 11/07
 DWG. BY: MVS/AKP
 DESIGN BY: MVS/AKP
 REVIEWED BY: DAP

REVISIONS

CADD FILE

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