

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

STATE PROJECT REFERENCE NO.	SHEET NO.
B-4174	TCP-1

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

LENOIR COUNTY

B-4174

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-1	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, INDEX OF SHEETS, LEGEND AND FINAL PAVEMENT MARKING SCHEDULE
TCP-2	PROJECT NOTES & PHASING
TCP-3	OFFSITE 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
 - FLASHING ARROW PANEL (TYPE C)
 - TYPE 'B' WARNING LIGHT
 - 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

DESCRIPTION	PAY ITEM	PAY ITEM QUANTITY BREAKDOWN		TOTAL QUANTITY	
WHITE EDGELINE	PAINT (4")	4000	LF		
YELLOW DOUBLE CENTER		4000	LF	TOTAL	8000 LF
	MARKERS				
YELLOW/YELLOW	PERMANENT RAISED PAVEMENT MARKERS	10	EA		
				TOTAL	10 EA

APPROVED:
DATE: December 22, 2006

PLAN PREPARED BY: N.C.D.O.T. TRAFFIC CONTROL, MARKING & DELINEATION UNIT

SEAL



- J. S. BOURNE, P.E. **TRAFFIC CONTROL ENGINEER**
- J. S. KITE, P.E. **TRAFFIC CONTROL PROJECT ENGINEER**
- D. A. PARKER **TRAFFIC CONTROL PROJECT DESIGN ENGINEER**
- M. V. SPRINGER **TRAFFIC CONTROL DESIGN ENGINEER**

TIP PROJECT:

GENERAL NOTES

ADAPT THE TRAFFIC CONTROL PLANS, WHEN DIRECTED 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 UNDESIRED OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING OR REMOVAL OF DEVICES.

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 PROVIDE PERMANENT SIGNING.
 C) PROVIDE DETOUR SIGNING.
 D) COVER OR REMOVE ALL DETOUR SIGNS 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. STAGGER OR OVERLAP BARRICADES TO ALLOW FOR INGRESS OR EGRESS.

PAVEMENT MARKINGS AND MARKERS

- G) INSTALL PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE FINAL SURFACE AS FOLLOWS:

ROAD NAME	MARKING	MARKER
1. SR 1515	PAINT	PERMANENT RAISED

- H) 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.

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

PHASING

NOTE: STATE FORCES WILL CONSTRUCT A TEMPORARY SCHOOL BUS TURNAROUND AND REPLACE PAVEMENT MARKINGS / MARKERS ON ALPHONSO WALTER RD. (SR 1516) PRIOR TO THE CLOSURE OF ALDRIDGE STORE RD. SEE GENERAL NOTE A, THIS SHEET.

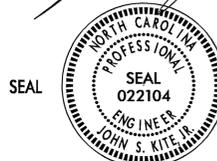
STEP 1) INSTALL OFFSITE DETOUR SIGNING IN ACCORDANCE WITH TCP-3

-USING ROADWAY STANDARD DRAWING NO. 1101.03, SHEET 1 OF 9, CLOSE ALDRIDGE STORE RD. - SR 1515 (-L-) AND PLACE TRAFFIC ON THE OFFSITE DETOUR ROUTE. (SEE SHEET TCP-3).

STEP 2) CONSTRUCT PROPOSED BRIDGE AND APPROACHES UP THROUGH THE FINAL LAYER OF SURFACE COURSE. PLACE FINAL PAVEMENT MARKINGS AND MARKERS. (SEE SHEET TCP-1 FOR PAVEMENT MARKING SCHEDULE).

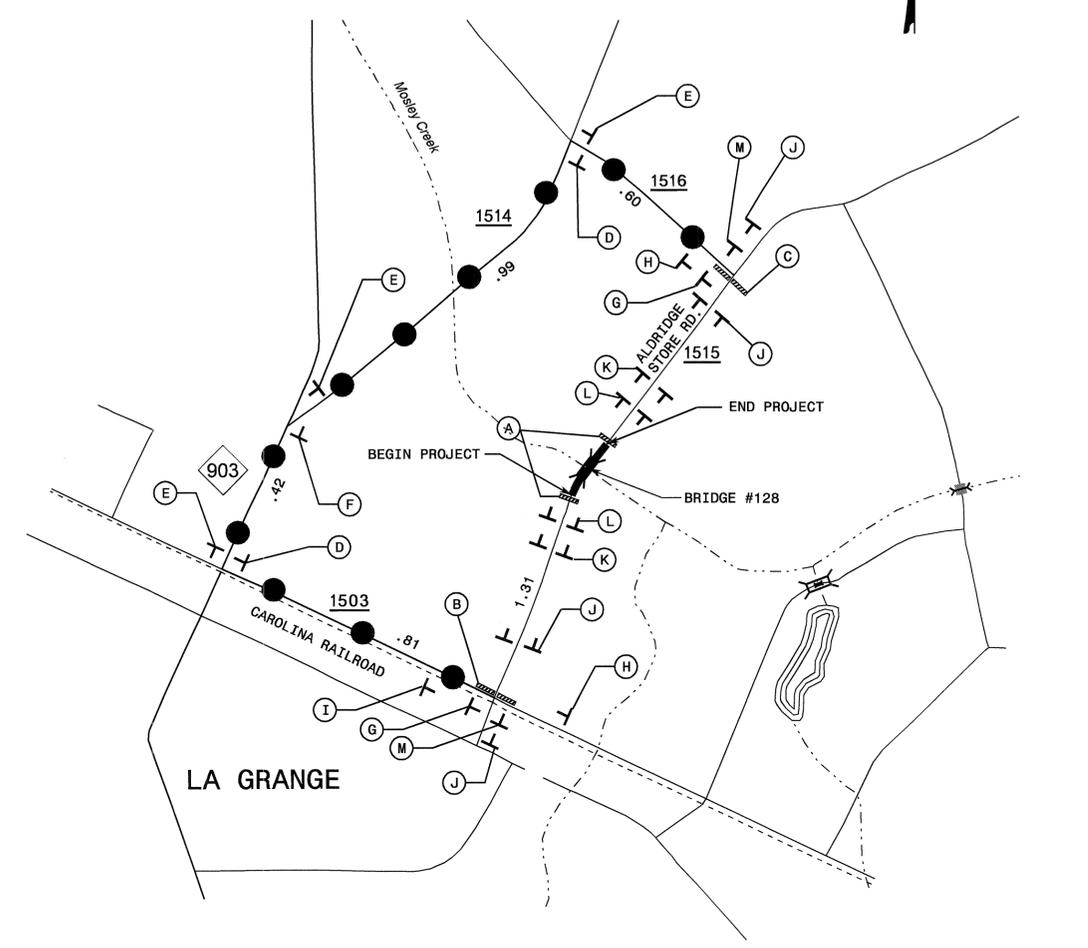
STEP 3) REMOVE ROAD CLOSURE SIGNING, TYPE III BARRICADES, AND DETOUR SIGNING, AND OPEN ALDRIDGE STORE RD. - SR 1515 (-L-) TO THE FINAL TRAFFIC PATTERN.

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 mvsprindler AT WZIC22240

APPROVED:  DATE: 11/22/06 	<h3 style="margin: 0;">PROJECT NOTES & PHASING</h3>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>SCALE:</td> <td>NONE</td> </tr> <tr> <td>DATE:</td> <td>SEP 05</td> </tr> <tr> <td>DESIGN BY:</td> <td>MHS</td> </tr> <tr> <td>REVIEWED BY:</td> <td>DAP</td> </tr> </table>	SCALE:	NONE	DATE:	SEP 05	DESIGN BY:	MHS	REVIEWED BY:	DAP
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DETOUR ROUTE = ●—●—●

NOTE: ALL TRAILBLAZING SIGN LOCATIONS ARE APPROXIMATE. PLACE SIGN ASSEMBLIES AND BARRICADES H, I, J, N, M, K, AND L IN ACCORDANCE WITH RSD 1101.03 SHEET 1 OF 9.



Sign Number: Type: D Ground Quantity: 1 Design By: DME Project ID: B-4174 Check By: DIV: 2 STD #: N/A Date: Apr 11, 2006

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

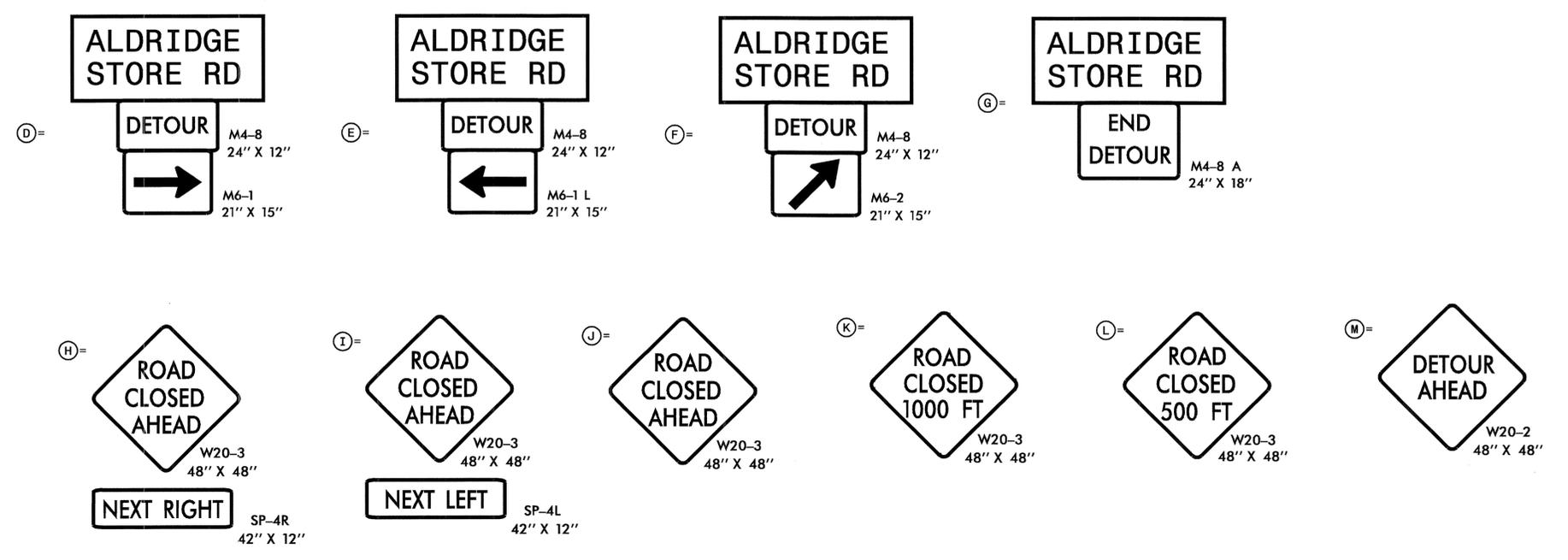
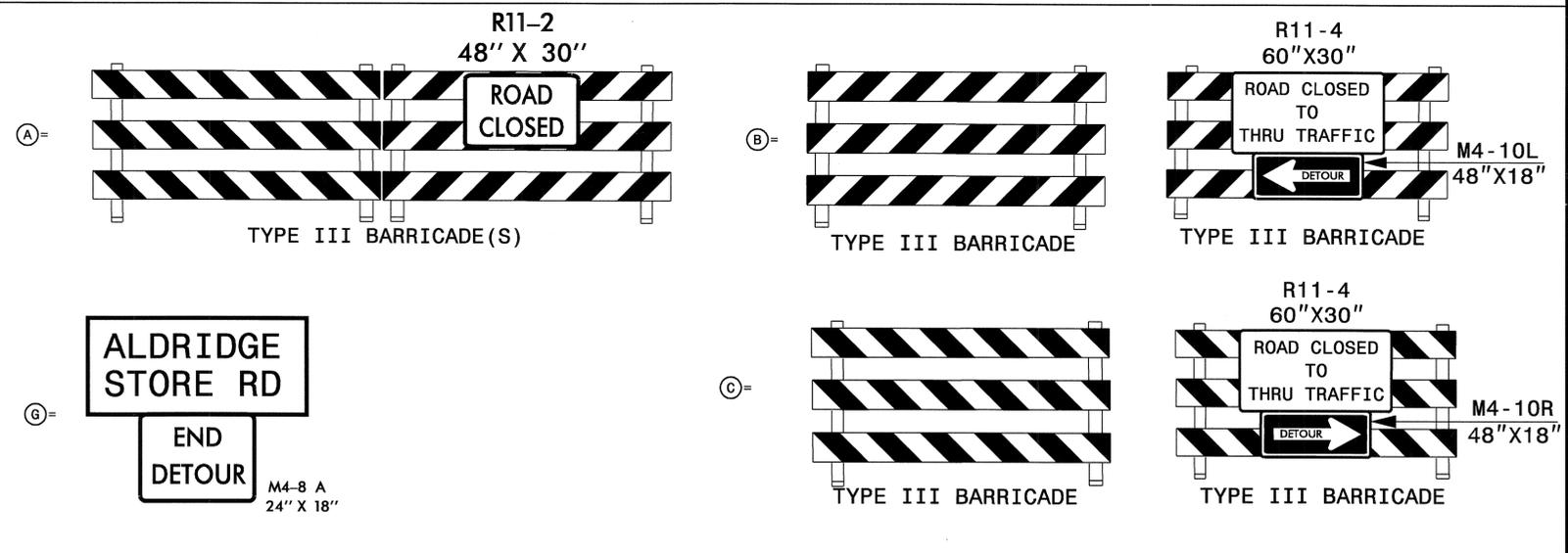
Sign Width: 4'-0" Height: 2'-0" Total Area: 8.0 Sq.Ft.

Sign Dimensions: 4'-0" x 2'-0" with 6" center-to-center spacing between text.

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										Series/Size Text Length
A	L	D	R	I	D	G	E			C
8.1	4.8	4	4.6	4.6	2.1	4.3	4.6	3	8.1	31.8
S	T	O	R	E	R	D				C
6.8	4.3	4	4.7	4.6	3	6	4.6	3.3	6.8	34.4

Spacing Factor is 1 unless specified otherwise



APPROVED: [Signature] DATE: 11/22/06

SEAL: NORTH CAROLINA PROFESSIONAL ENGINEER JOHN S. KITE

OFFSITE DETOUR SIGNING

SCALE: NONE DATE: JUL 06 DWG. BY: MVS DESIGN BY: MVS REVIEWED BY: DAP

REVISIONS

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