

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

STATE PROJECT REFERENCE NO.	SHEET NO.
B - 3919	TCP-1

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

B - 3919

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
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.04	TEMPORARY SHOULDER 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
1130.01	DRUMS
1135.01	CONES
1145.01	BARRICADES
1150.01	FLAGGING DEVICES
1180.01	SKINNY - DRUM
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - 2 LANE & MULTILANE ROADWAYS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS
1205.12	PAVEMENT MARKINGS - BRIDGES
1261.01	GUARDRAIL AND BARRIER DELINEATOR SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATOR TYPES
1262.01	GUARDRAIL END DELINEATION

INDEX OF SHEETS

SHEET NO.	TITLE
TCP-1	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, LEGEND AND INDEX OF SHEETS
TCP-2	GENERAL NOTES
TCP-3	DETOUR ROUTE/PHASING
TCP-4	DETOUR SIGN DETAIL





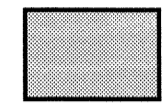
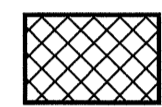
LEGEND

TRAFFIC CONTROL DEVICES







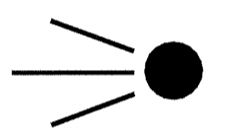
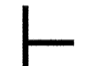



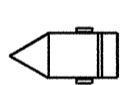
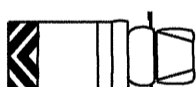


-  TYPE III BARRICADE
-  STATIONARY SIGN

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

PAVEMENT MARKINGS

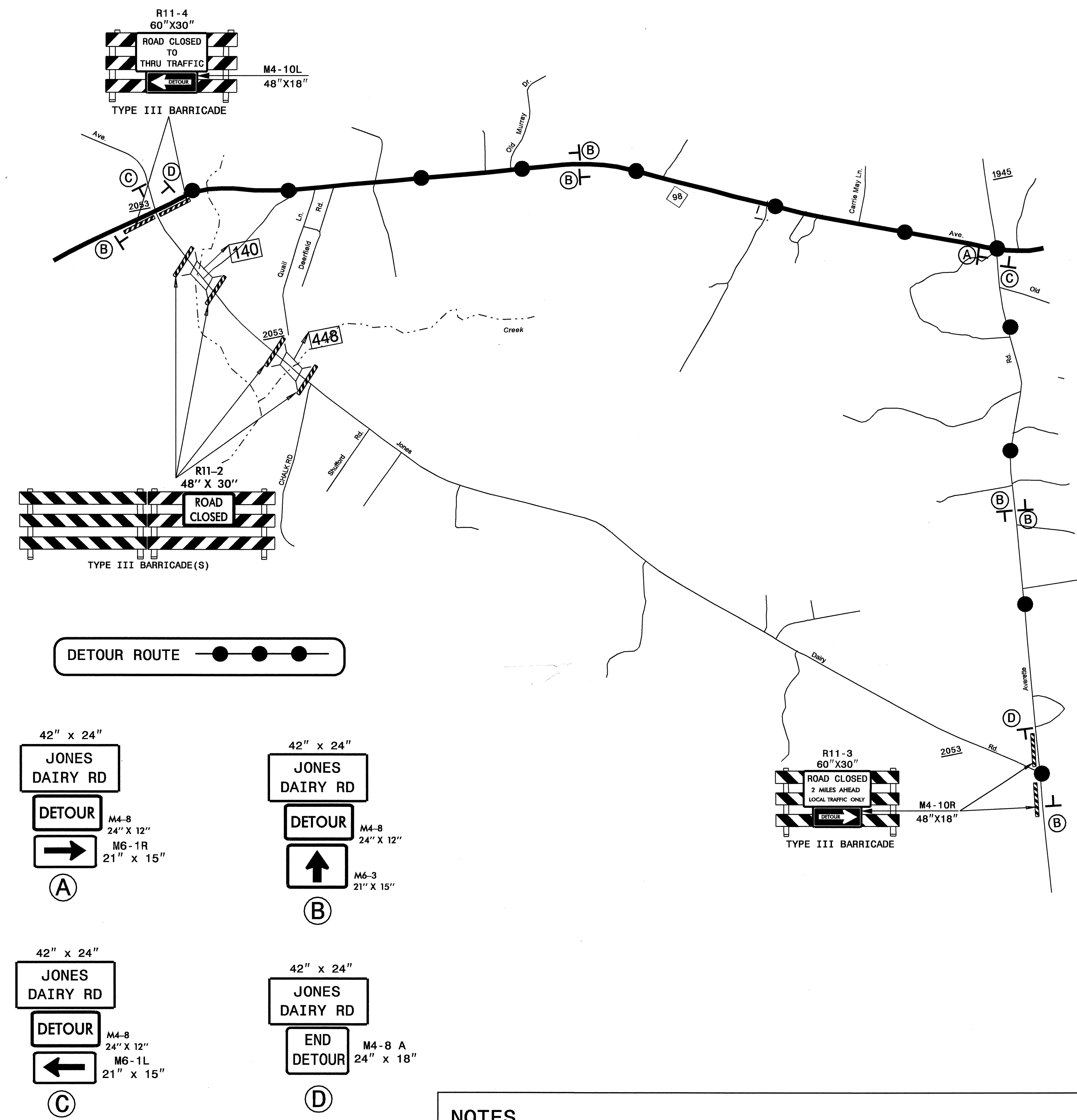
-  CRYSTAL/CRYSTAL PAVEMENT MARKER
-  YELLOW/YELLOW PAVEMENT MARKER
-  CRYSTAL/RED PAVEMENT MARKER
-  PAVEMENT MARKING SYMBOLS

TIP PROJECT:

22-JUL-2009 11:47
C:\dot\dfs\proj\TIP\proj\traffic\traffic\control\tcp\b-3919\tc-tcp-01.dgn
At: W:\224732
msishak

APPROVED DATE <u>8/19/09</u>	PLAN PREPARED BY: N.C.D.O.T. TRAFFIC CONTROL, MARKING & DELINEATION UNIT
SEAL	J. S. BOURNE, P.E. TRAFFIC CONTROL ENGINEER
	G. L. GETTIER, P.E. TRAFFIC CONTROL PROJECT ENGINEER
	J. W. WOOLARD, P.E. TRAFFIC CONTROL PROJECT DESIGN ENGINEER
	M. ISHAK TRAFFIC CONTROL DESIGN ENGINEER

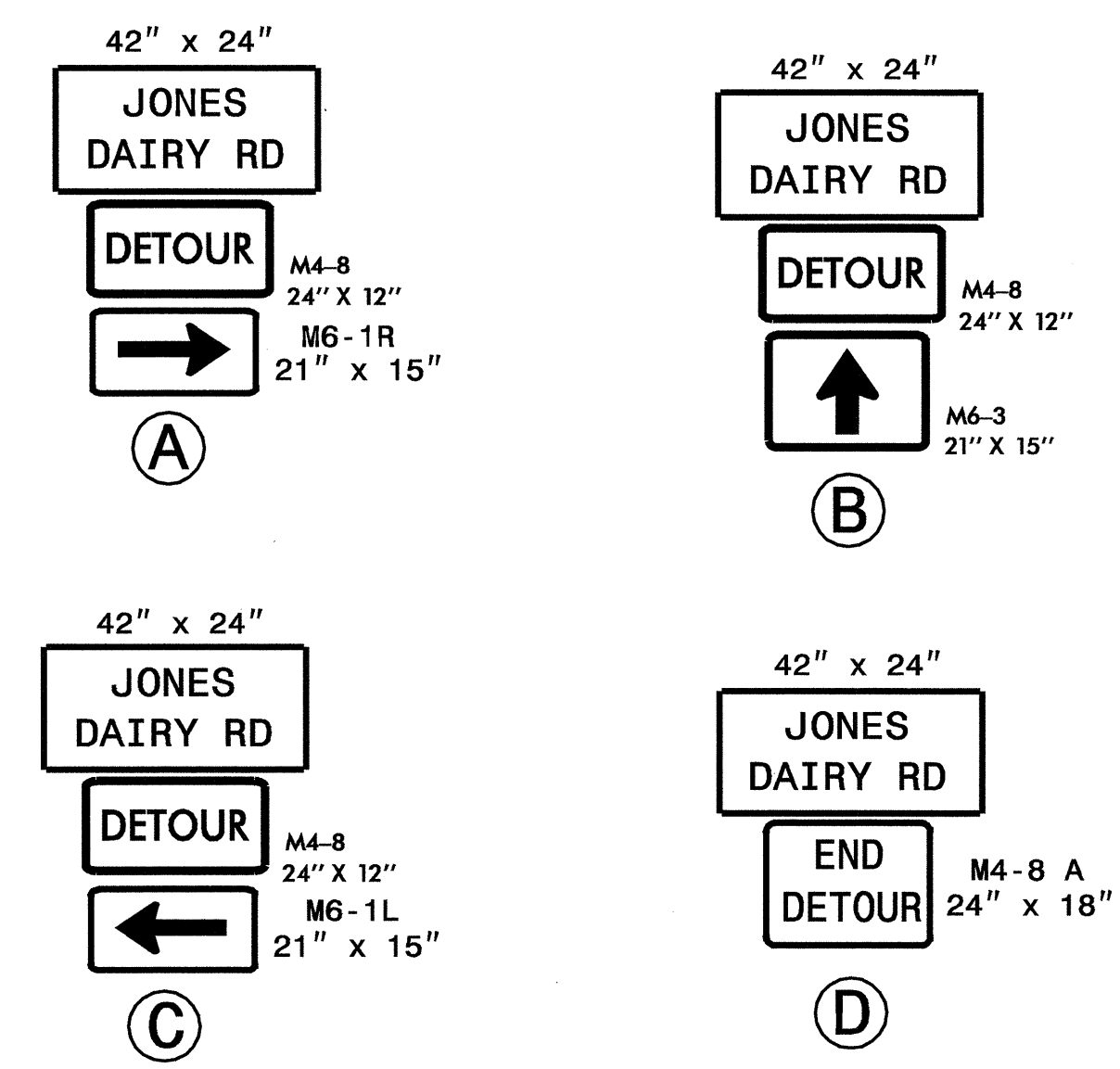
PHASING



- STEP 1: - RESURFACE OFF-SITE DETOUR AS SHOWN IN THE CONSTRUCTION PLANS.
- STEP 2: - INSTALL OFF-SITE DETOUR ROUTE SIGN ASSEMBLIES FOR THE CLOSING OF SR-2053 (JONES DAIRY RD, -L-). (SEE SHEET TCP-3)
 - USING ROADWAY STANDARD DRAWING NO. 1101.03, SHEET 1 OF 9, CLOSE SR-2053 (JONES DAIRY RD) TO THRU TRAFFIC AND SHIFT SR-2053 TRAFFIC ONTO OFFSITE DETOUR. MAINTAIN ACCESS TO ALL DRIVEWAYS WITHIN THE PROJECT LIMITS, AS DIRECTED BY THE ENGINEER
- STEP 3: - AWAY FROM TRAFFIC, REMOVE EXISTING STRUCTURE AND CONSTRUCT BRIDGE #140 AND ROADWAY UP TO AND NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AND PLACE TEMPORARY PAVEMENT MARKING ON SR-2053 FROM STATION 32+50 -L- TO STATION 43+25 -L-.
 - REMOVE/COVER DETOUR SIGNS (IF NECESSARY) AND OPEN ROAD TO TRAFFIC.
- STEP 4: - INSTALL/UNCOVER DETOUR SIGNS (IF COVERED IN THE PREVIOUS STEP) TO CLOSE RD BETWEEN STA. 16+59 -L- TO STA. 21+25 -L-.
 - AWAY FROM TRAFFIC, REMOVE EXISTING STRUCTURE AND CONSTRUCT BRIDGE #448 AND ROADWAY UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE FROM STA 16+59 +/- -L- TO STA 21+25 +/- -L-
 - USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 1 OF 9, CONSTRUCT PROPOSED SR 2053 (DAIRY JONES RD, -L-) UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE FROM STA 14+00 +/- -L- TO STA 16+59 +/- -L-.
 - PLACE TEMPORARY PAVEMENT MARKING ON SR-2053 FROM STA 14+00 -L- TO STA 21+25 -L-.
- STEP 5: - REMOVE ALL TRAFFIC CONTROL DEVICES, SIGNING AND DETOUR ROUTE SIGNING.
 - OPEN SR-2053 TO FINAL TRAFFIC PATTERN.
- STEP 6: - USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 1 OF 9, PLACE THE FINAL LAYER OF SURFACE COURSE, FINAL PAVEMENT MARKING AND MARKERS AS FOLLOWS (SEE FINAL PAVEMENT MARKING PLANS):
 - STA 14+00 +/- -L- TO STA 21+25 +/- -L- AND
 - STA 32+50 +/- -L- TO STA 43+25 +/- -L-.

NOTES

- ALL SIGN LOCATIONS ARE APPROXIMATE.
- ALL DETOUR SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED.
- * SEE ROADWAY STANDARD DRAWING NO. 1101.03, SHEET 1 OF 9, FOR ADDITIONAL WORK ZONE SIGNS AND LOCATIONS ON SR-2053.



APPROVED: DATE: 12/22/09

SEAL
19862
W. WOOLARD JR.

DETOUR ROUTE

SCALE:	REVISIONS
NONE	
DATE: 07/09	
DWG. BY: MSI	
DESIGN BY: MSI	
REVIEWED BY: JWW	

22-DEC-2009 10:42 AM \\N:\TIP\PROJECTS\B\B3919\TRAFFIC\TRAFFICCONTROL\TOP\B-3919-TC-TCP-3.dgn

SIGN NUMBER: SP08354 BACKG COLOR: Fluorescent Orange
 TYPE: STATIONARY COPY COLOR: Black
 QUANTITY: SEE PLANS

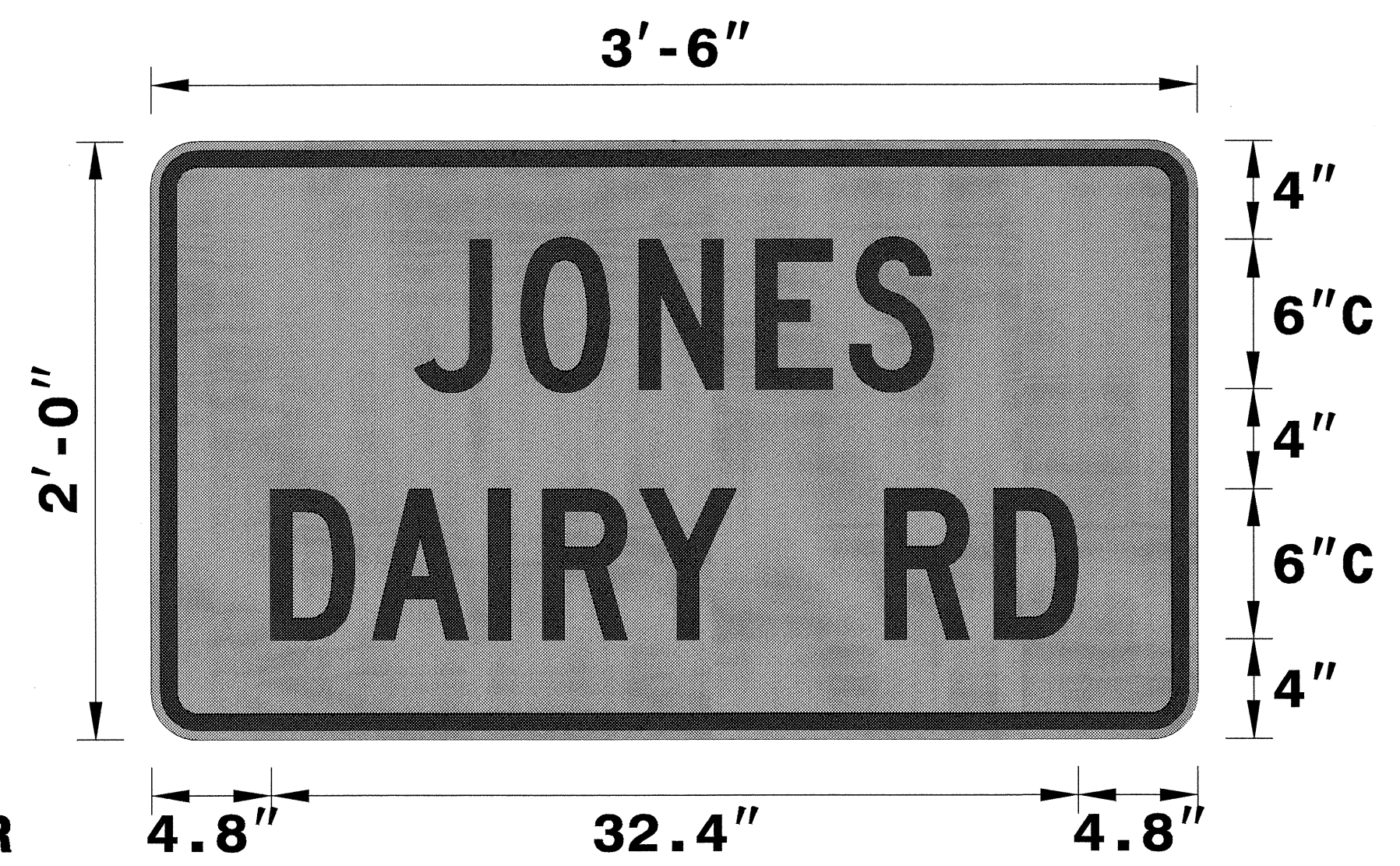
SYMBOL	X	Y	WID	HT

SIGN WIDTH: 42"
 HEIGHT: 24"
 TOTAL AREA: 7.0 Sq.Ft.

BORDER TYPE: INSET
 RECESS: 0.38"
 WIDTH: 0.63"
 RADII: 1.5"

NO. Z BARS: MAT'L: 0.080" (2.0 mm) ALUMINUM
 LENGTH: 0.079" COMPOSITE

DESIGN BY: R. HENNEIN CHECKED BY:
 PROJECT ID: B-3919 DIV: 5 DATE: Aug 18, 2008



BORDER
 R=1.5"
 TH=0.63"
 IN=0.38"

Spacing Factor is 1 unless specified otherwise

USE NOTES: 1,2

- Legend and border shall be direct applied black non-reflective sheeting.
- Background shall be Type VII, VIII, or IX (prismatic) fluorescent orange retroreflective sheeting.

LETTER POSITIONS

Letter spacings are to start of next letter																				Series/Size Text Length	
		J	O	N	E	S															C 2000 20.8
10.6	4.3	4.7	4.7	3.8	3.4	10.6															C 2000 32.4
		D	A	I	R	Y		R	D												
4.8	4.1	4.7	2.2	3.9	3.8	6	4.4	3.4	4.8												

FILENAME: sp08354_jonesdairyrd NORTH CAROLINA D.O.T. SIGN DETAIL

22-JUL-2009 11:49
 C:\dot\cfs\cft01\proj\nc\trafficcontrol\tcp\b-3919_fc_tcp-4.dgn
 msjshok AT WZ TC244732

APPROVED: *J.W. Woolard* DATE: 8/19/09

SEAL

DETOUR SIGN DETAIL

SCALE: NONE		REVISIONS
DATE: 01/09		
DWG. BY: MI		
DESIGN BY: MI		
REVIEWED BY: JWW		

CADD FILE