B-4005

TIP PROJECT:

04-MAY-2007 08:14
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sjsykes
AT WZTC2241O1

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

STATE PROJECT REFERENCE NO.	SHEET NO.
B-4005	TCP-01

PLAN FOR PROPOSED
TRAFFIC CONTROL, MARKING & DELINEATION

ALEXANDER 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
1110.01	STATIONARY WORK ZONE SIGNS
1205.01	PAVEMENT MARKINGS - LINE TYPES & OFFSETS
1205.02	PAVEMENT MARKINGS - 2 LANE & MULTILANE ROADWAYS
1205.12	PAVEMENT MARKINGS - BRIDGES
1261.01	GUARDRAIL & BARRIER DELINEATOR SPACING
1261.02	GUARDRAIL & BARRIER DELINEATOR TYPES
1262.01	GUARDRAIL END DELINEATION

INDEX OF SHEETS

LEGEND

GENERAL

NORTH ARROW

TRAFFIC CONTROL DEVICES

TYPE III BARRICADE

STATIONARY SIGN

PAVEMENT MARKING SCHEDULE

PAINT (4")

DESCRIPTION	BREAKDOWN QUANTITY	TOTAL QUANTITY
WHITE EDGELINE	3200 LF	
YELLOW DOUBLE CENTER	3200 LF	
		6400 LF

APPROVED: _____
DATE: May 4, 2007

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 022104 ENGINEER JOHN S. KITE, JR.

PLAN PREPARED BY: N.C.D.O.T. WORK ZONE TRAFFIC CONTROL UNIT

STUART BOURNE, P.E. TRAFFIC CONTROL ENGINEER

J. STEVE KITE, P.E. TRAFFIC CONTROL PROJECT ENGINEER

DON PARKER DRP 5/4/07 TRAFFIC CONTROL PROJECT DESIGN ENGINEER

STEPHEN SYKES TRAFFIC CONTROL DESIGN ENGINEER / TECHNICIAN

PROJ. REFERENCE NO.	SHEET NO.
B-4005	TCP-02

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) 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
SR 1331	PAINT	NONE

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

NOTE: MAINTAIN INGRESS AND EGRESS TO ALL RESIDENTS AT ALL TIMES DURING CONSTRUCTION.

1) USING ROADWAY STANDARD DRAWING 1101.03, SHEET 1 OF 9, CLOSE SR 1331 AND DETOUR TRAFFIC AS SHOWN ON TCP-03.

2) REMOVE EXISTING STRUCTURE AND CONSTRUCT PROPOSED ROADWAY AND BRIDGE UP TO AND INCLUDING THE FINAL LAYER OF SURFACE COURSE FROM -L- STA. 13+50 TO 21+50. PLACE FINAL PAVEMENT MARKINGS AND MARKERS.

3) REMOVE ALL TRAFFIC CONTROL DEVICES AND RE-OPEN SR 1331 TO TRAFFIC.

SIGN NUMBER: SP07086
TYPE: D
QUANTITY: 1

SIGN WIDTH: 48"
HEIGHT: 24"
TOTAL AREA: 8.0 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: 0.125" (3.2 mm) ALUMINUM
0.079" COMPOSITE

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

DESIGN BY: R. HENNEIN
PROJECT ID: B-4005
CHECKED BY:
DIV: 12
STD #: N/A
DATE: Apr 05, 2007

LETTER POSITIONS

Letter spacings are to start of next letter

																											Series/Size Text Length
		L	I	T	T	L	E		R	I	V	E	R														C 2000
	3.3	3.7	1.5	3.3	3.7	3.7	3.1	5	4.2	1.5	4.4	3.9	3.4	3.3													41.4
		C	H	U	R	C	H		R	D																	C 2000
	4.1	4.6	4.7	4.7	4.3	4.6	3.4	6	4.4	3.4	4.1																39.8

Spacing Factor is 1 unless specified otherwise

APPROVED: [signature] DATE: 5/4/07

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 022104 ENGINEER JOHN S. KITE, JR.

GENERAL NOTES, PHASING & SIGN DESIGN

SCALE:	NONE
DATE:	4/07
DWG. BY:	SJS
DESIGN BY:	SJS
REVIEWED BY:	DAP DAP

5/4/07

REVISIONS	
CADD FILE	

03-MAY-2007 16:53
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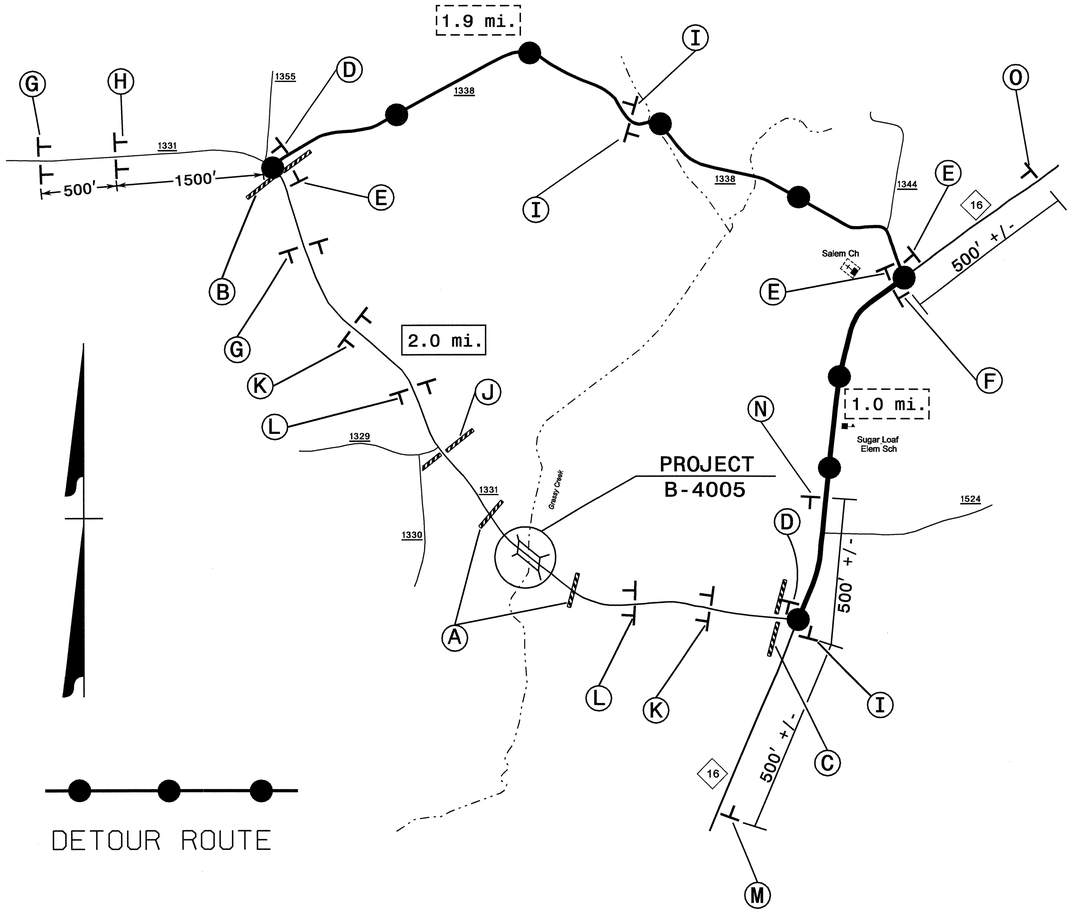
sjsykes
AT WZTC22101

PROJ. REFERENCE NO.	SHEET NO.
B-4005	TCP-03



DETOUR ROUTE

A
ROAD CLOSED
R11-2
48" X 30"
TYPE III BARRICADE(S)

B
ROAD CLOSED
1 MILE AHEAD
LOCAL TRAFFIC ONLY
R11-3
60"X30"
DETOUR
M4-10L
48"X18"
TYPE III BARRICADE
TYPE III BARRICADE

C
ROAD CLOSED
TO
THRU TRAFFIC
R11-4
60" X 30"
DETOUR
M4-10R
48"X18"
TYPE III BARRICADE
TYPE III BARRICADE

D
LITTLE RIVER
CHURCH ROAD
SPECIAL SIGN
48" X 24"
END
DETOUR
M4-8 A
24" X 18"

E
LITTLE RIVER
CHURCH ROAD
SPECIAL SIGN
48" X 24"
DETOUR
M4-8
24" X 12"
M6-1
21" X 15"

F
LITTLE RIVER
CHURCH ROAD
SPECIAL SIGN
48" X 24"
DETOUR
M4-8
24" X 12"
M6-1 L
21" X 15"

G
ROAD
CLOSED
AHEAD
W20-3
48" X 48"

H
DETOUR
AHEAD
W20-2
48" X 48"

I
LITTLE RIVER
CHURCH ROAD
SPECIAL SIGN
48" X 24"
DETOUR
M4-8
24" X 12"
M6-3
21" X 15"

J
ROAD CLOSED
TO
THRU TRAFFIC
R11-4
60" X 30"
TYPE III BARRICADE(S)

K
ROAD
CLOSED
1000 FT
W20-3
48" X 48"

L
ROAD
CLOSED
500 FT
W20-3
48" X 48"

M
ROAD
CLOSED
AHEAD
W20-3
48" X 48"
NEXT LEFT
SP-4L
42" X 12"

N
ROAD
CLOSED
AHEAD
W20-3
48" X 48"
NEXT RIGHT
SP-4R
42" X 12"

O
LITTLE RIVER
CHURCH ROAD
SPECIAL SIGN
48" X 24"
DETOUR
M4-8
24" X 12"
M5-1 R
21" X 15"

SEE ROADWAY STANDARD DRAWING 1101.03, SHEET 1 OF 9, FOR ADDITIONAL DETAILS AND NOTES.

APPROVED: _____ DATE: 5/4/07

SEAL
NORTH CAROLINA
PROFESSIONAL
SEAL
022104
ENGINEER
JOHN S. KITE JR.

DETOUR ROUTE

SCALE:	NONE
DATE:	12/05
DWG. BY:	SJS
DESIGN BY:	SJS
REVIEWED BY:	DAP 5/4/07

DIVISION OF HIGHWAYS
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL UNIT

REVISIONS

CADD FILE

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sjsykes AT W2TC2241(0)