B-1382

TIP PROJECT:

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

STATE PROJECT REFERENCE NO.	SHEET NO.
B-1382	TCP-1

PLAN FOR PROPOSED TRAFFIC CONTROL, MARKING & DELINEATION

SAMPSON 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
1101.04	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	DRUM
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
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, FINAL PAVEMENT MARKING SCHEDULE AND LEGEND AND INDEX OF SHEETS
TCP-2	PROJECT NOTES AND PHASING
TCP-3	DETOUR ROUTE AND BARRICADE PLACEMENT

FINAL PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION	PAVEMENT MARKINGS	PAY ITEM QUANTITY BREAKDOWN	TOTAL
		PAVEMENT MARKING LINES		
VA	WHITE EDGE LINE	POLYUREA (4")	7300 LF	7300 LF
VI	YELLOW DOUBLE CENTER LINE	POLYUREA (4")	3650 LF	7300 LF
			TOTAL:	14400 LF
		PAVEMENT MARKERS		
MA	YELLOW & YELLOW	PERMANENT RAISED	50 EA	
			TOTAL:	50 EA

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

APPROVED: _____
DATE: _____

NORTH CAROLINA PROFESSIONAL SEAL 027856 ENGINEER JENNIFER L. PORTANOVA 2/8/08

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

J. STUART BOURNE, PE — TRAFFIC CONTROL ENGINEER
JOSEPH ISHAK, PE — TRAFFIC CONTROL PROJECT ENGINEER
J. L. PORTANOVA, PE — TRAFFIC CONTROL PROJECT DESIGN ENGINEER
ALLA LYUDMIRSKAYA — TRAFFIC CONTROL DESIGN ENGINEER

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PROJ. REFERENCE NO.	SHEET NO.
B-1382	TCP-2

PROJECT 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.

LANE AND SHOULDER CLOSURE REQUIREMENTS

A) REMOVE LANE CLOSURE DEVICES FROM THE LANE WHEN WORK IS NOT BEING PERFORMED BEHIND THE LANE CLOSURE OR WHEN A LANE CLOSURE IS NO LONGER NEEDED, OR AS DIRECTED BY THE ENGINEER.

B) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 15 FT OF AN AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN SHOULDER USING ROADWAY STANDARD DRAWING NO. 1101.04 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL OR A LANE CLOSURE IS INSTALLED.

C) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO AN UNDIVIDED FACILITY AND WITHIN 5 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.

D) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN A LANE OF TRAVEL OF AN UNDIVIDED OR DIVIDED FACILITY, CLOSE THE LANE ACCORDING TO THE TRAFFIC CONTROL PLANS, ROADWAY STANDARD DRAWINGS OR AS DIRECTED BY THE ENGINEER. CONDUCT THE WORK SO THAT ALL PERSONNEL AND/OR EQUIPMENT REMAIN WITHIN THE CLOSED TRAVEL LANE.

E) DO NOT INSTALL MORE THAN ONE LANE CLOSURE, IN ANY ONE DIRECTION, ON NC 41.

TRAFFIC PATTERN ALTERATIONS

F) NOTIFY THE ENGINEER TWENTY ONE (21) CALENDAR DAYS PRIOR TO ANY TRAFFIC PATTERN ALTERATION.

SIGNING

G) PROVIDE PERMANENT SIGNING.

H) STATE FORCES WILL BE RESPONSIBLE FOR DETOUR SIGNING WITHIN AND OFF THE PROJECT LIMITS.

I) STATE FORCES WILL COVER OR REMOVE ALL DETOUR SIGNS WITHIN AND OFF THE PROJECT LIMITS WHEN A DETOUR IS NOT IN OPERATION.

J) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.

TRAFFIC CONTROL DEVICES

K) PLACE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY.

PAVEMENT MARKINGS AND MARKERS

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

ROAD NAME	MARKING	MARKER
NC 41	POLYUREA	PERMANENT RAISED

M) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.

PHASING

MAINTAIN DRIVEWAY ACCESS TO ALL RESIDENCES WITHIN THE PROJECT LIMITS DURING PROJECT CONSTRUCTION.

STEP 1:
USING RSD 1101.02, SHEET 1 OF 9, RELOCATE -DRV1- AND TIE-IN TO NC 41 AT -L- STA.15+25+/-. SEE ROADWAY PLANS.

STEP 2:
1) NOTIFY STATE FORCES TO INSTALL DETOUR SIGNS ON NC 411 AND SR 1126

2) USING RSD 1101.03, SHEET 1 OF 9, AND SHEET TCP-3, INSTALL ROAD CLOSURES SIGNS, PLACE TYPE III BARRICADES TO CLOSE NC 41 TO THROUGH TRAFFIC FROM -L- STA.11+00+/- TO -L- STA.44+50+/-.

STEP 3:
AWAY FROM TRAFFIC, PERFORM THE FOLLOWINGS:
SEE ROADWAY AND STRUCTURES PLANS.
1) REMOVE EXISTING STRUCTURES NO.12 & NO.26 AND CONSTRUCT PROPOSED STRUCTURES

2) CONSTRUCT PROPOSED -L- UP TO AND INCLUDING THE FINAL LAYER OF SURFACE COURSE AND PLACE FINAL PAVEMENT MARKINGS (POLYUREA) & FINAL PAVEMENT MARKERS (PERMANENT RAISED) ON PROPOSED -L- (NC 41) FROM -L- STA.11+00+/- TO -L- STA.44+50+/- AND TIE TO THE EXISTING MARKINGS.

STEP 4:
1) NOTIFY STATE FORCES TO REMOVE DETOUR SIGNS INSTALLED IN STEP 2

2) REMOVE ALL TEMPORARY TRAFFIC CONTROL DEVICES AND OPEN -L- (NC 41) TO TWO-LANE, TWO-WAY TRAFFIC.

APPROVED:_____ DATE:_____

NORTH CAROLINA PROFESSIONAL SEAL 027856 ENGINEER JENNIFER L. PORTANOVA 2/8/08

PROJECT NOTES AND PHASING

SCALE:	NONE
DATE:	JAN-08
DWG. BY:	AYL
DESIGN BY:	AYL
REVIEWED BY:	JLP

DIVISION OF HIGHWAYS · STATE OF NORTH CAROLINA · DEPT. OF TRANSPORTATION · TRAFFIC CONTROL

REVISIONS

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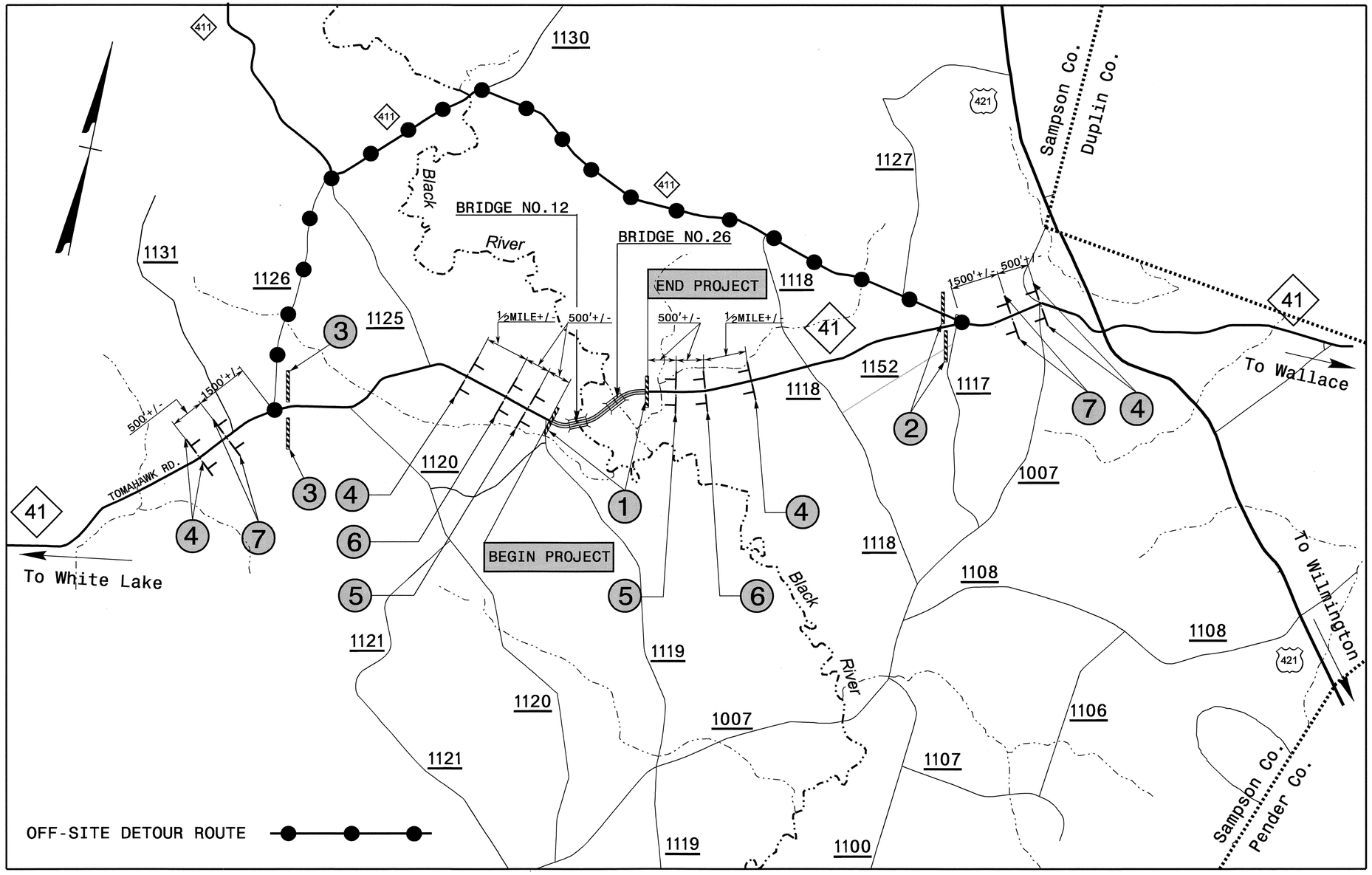
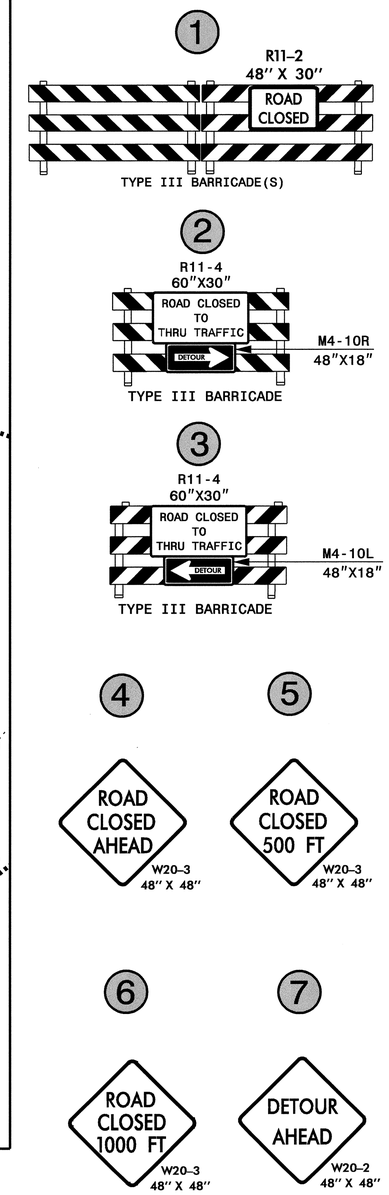
PROJ. REFERENCE NO.	SHEET NO.
B-1382	TCP-3

VICINITY MAP: SAMPSON COUNTY





APPROVED: _____ DATE: _____

NORTH CAROLINA PROFESSIONAL SEAL 027856 ENGINEER JENNIFER L. PORTANOVA

2/8/08

DETOUR ROUTE AND BARRICADE PLACEMENT

SCALE:	NONE
DATE:	FEB-08
DWG. BY:	AYL
DESIGN BY:	AYL
REVIEWED BY:	JLP

REVISIONS

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