STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PLAN FOR PROPOSED
TRAFFIC CONTROL, MARKING & DELINEATION

PERSON COUNTY

R-4906

TIP PROJECT:

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
1101.05	WORK ZONE VEHICLE ACCESSES
1101.11	TRAFFIC CONTROL DESIGN TABLES
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 - (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, LEGEND AND INDEX OF SHEETS
TCP-2	GENERAL NOTES AND PHASING
TCP-3	DETOUR ROUTE AND SIGNING
SD-1	SIGN DESIGN

LEGEND

GENERAL

- ← DIRECTION OF TRAFFIC FLOW
- NORTH ARROW
- —— PROPOSED PVMT. - - - - - - - EXIST. PVMT.
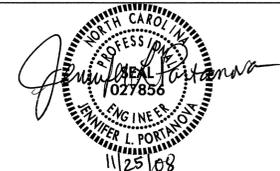- WORK AREA
- REMOVAL OF EXISTING PAVEMENT

TRAFFIC CONTROL DEVICES

- I TYPE I BARRICADE
- II 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

Final Pavement Marking Schedule

SYMBOL	DESCRIPTION	PAY ITEM QUANTITY	TOTAL
	FINAL		
	PAVEMENT MARKINGS		
	COLD APPLIED PLASTIC (4") Type3 - Highly Reflective Elements		
CA	WHITE EDGELINE	654 LF	
CI	YELLOW DOUBLE CENTER	654 LF	
		TOTAL	1308 LF
	THERMOPLASTIC(4", 120 MILS)		
TI	YELLOW DOUBLE CENTER	3870 LF	
		TOTAL	3870 LF
	THERMOPLASTIC(4", 90 MILS)		
TA	WHITE EDGELINE	3870 LF	
		TOTAL	3870 LF
	MARKERS		
	PERMANENT RAISED PAVEMENT MARKERS		
MA	YELLOW & YELLOW	28 EA	
		TOTAL	28 EA

APPROVED: _____
DATE: _____

[SEAL: NORTH CAROLINA PROFESSIONAL ENGINEER 027856 JENNIFER L PORTANOVA]
11/25/08

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

J.S. BOURNE, P.E. _____ TRAFFIC CONTROL ENGINEER

J. ISHAK, P.E. _____ TRAFFIC CONTROL PROJECT ENGINEER

J.L. PORTANOVA, P.E. TRAFFIC CONTROL PROJECT DESIGN ENGINEER

J. FUTRELL _____ TRAFFIC CONTROL DESIGN ENGINEER

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) INSTALL ADVANCE WORK ZONE WARNING SIGNS WHEN WORK IS WITHIN 40 FT
   FROM THE EDGE OF TRAVEL LANE AND NO MORE THAN THREE (3) DAYS PRIOR
   TO THE BEGINNING OF CONSTRUCTION.
C) PROVIDE PERMANENT SIGNING.
D) PROVIDE DETOUR SIGNING WITHIN AND OFF THE PROJECT LIMITS.
E) COVER OR REMOVE ALL DETOUR SIGNS OFF THE PROJECT LIMITS 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.

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

ROAD NAME	MARKING	MARKER
-L- (SR 1322 EDWIN ROBERTSON RD.)	THERMOPLASTIC	PERMANENT RAISED
-L- (BRIDGE #59)	COLD APPLIED TAPE	PERMANENT RAISED
-L- (BRIDGE #86)	COLD APPLIED TAPE	PERMANENT RAISED

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

PHASING

NOTE: MAINTAIN ACCESS TO ALL DRIVEWAYS WITHIN THE PROJECT LIMITS.

STEP 1) USING ROADWAY STANDARD DRAWING (RSD) 1101.03 SHEET 1 OF 9
        AND SHEET TCP-3, PERFORM THE FOLLOWING:

        -INSTALL ALL ROAD CLOSURE AND DETOUR SIGNING AND BARRICADES.
        -CLOSE SR 1322 (EDWIN ROBERTSON RD.).
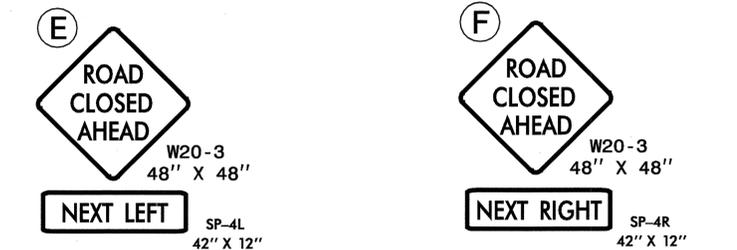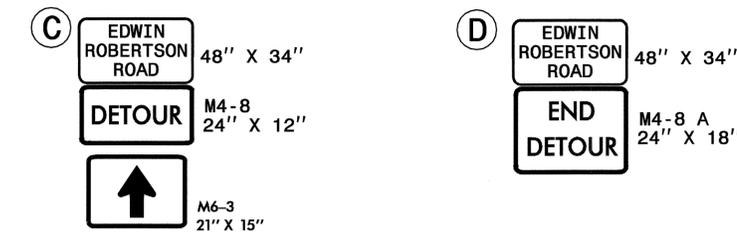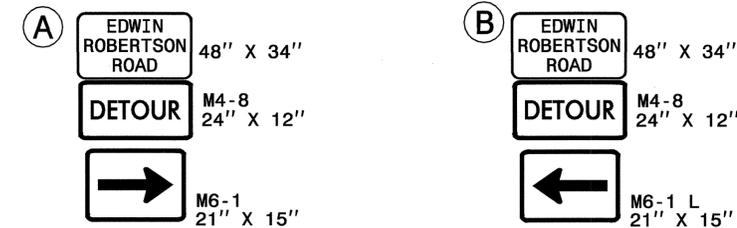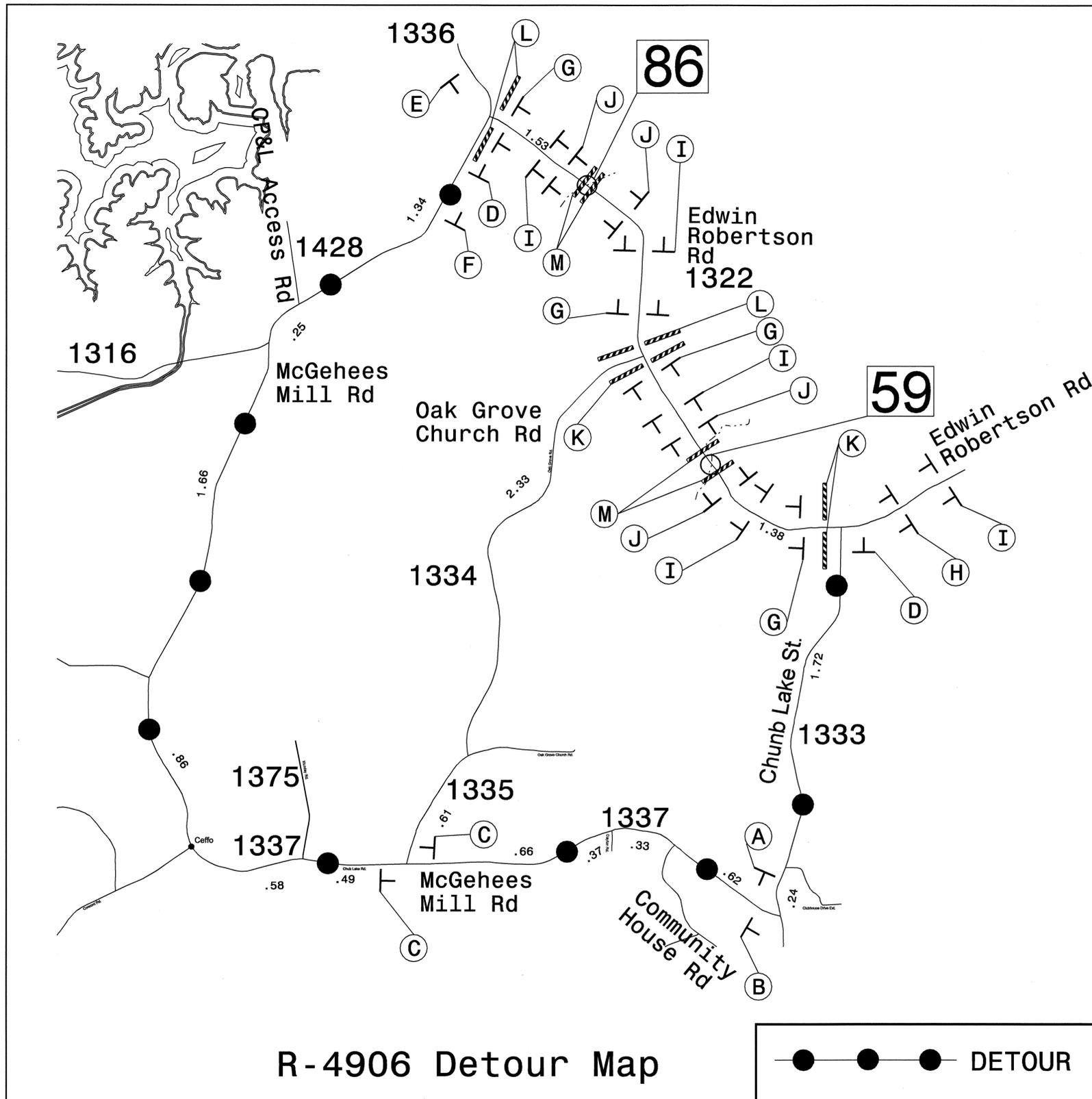   -PLACE TRAFFIC ONTO OFF-SITE DETOUR.

STEP 2) AWAY FROM TRAFFIC, PERFORM THE FOLLOWING:

        -REMOVE EXISTING BRIDGES #59 AND #86.
        -CONSTRUCT THE PROPOSED STRUCTURES, AND APPROACHES UP THROUGH
         THE FINAL LAYER OF SURFACE COURSE.
        -INSTALL FINAL PAVEMENT MARKINGS (THERMO/COLD APPLIED TAPE)
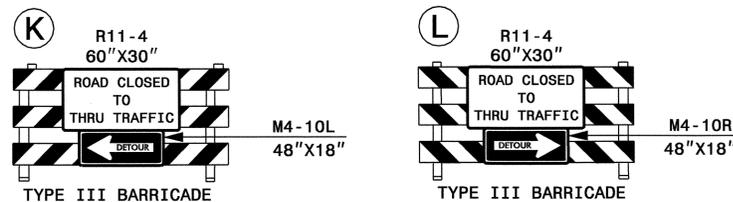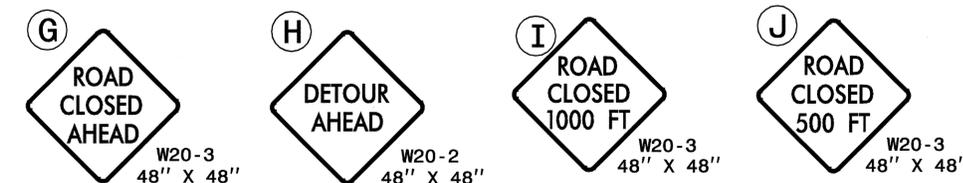   AND MARKERS (PERMANENT RAISED).

STEP 3) REMOVE ALL TEMPORARY TRAFFIC CONTROL DEVICES AND RE-OPEN SR 1322
        (EDWIN ROBERTSON RD.) TO A TWO-LANE, TWO-WAY PATTERN.

APPROVED:	DATE:	GENERAL NOTES AND PHASING

SCALE:	NONE	REVISIONS
DATE:	NOV. 08	
DWG. BY:	JLF	
DESIGN BY:	JLF	
REVIEWED BY:	JLP	

CADD FILE: B3648 TC TCP2.dgn

R-4906 Detour Map

1336
1428
1316
1322
1334
1375
1335
1337
1337
1333

86

59

CP&L Access Rd

McGehees Mill Rd

Oak Grove Church Rd

Edwin Robertson Rd

Edwin Robertson Rd

Chunb Lake St.

Community House Rd

McGehees Mill Rd

Ceffo

●—●—● DETOUR

NOTE: USE RDWY STD DWG 1101.03 SHEET 1 OF 9 TO INSTALL SIGNS 'G' THRU 'M' OR AS DIRECTED BY THE ENGINEER.

(A) EDWIN ROBERTSON ROAD — 48″ X 34″ / DETOUR M4-8 24″ X 12″ / → M6-1 21″ X 15″

(B) EDWIN ROBERTSON ROAD — 48″ X 34″ / DETOUR M4-8 24″ X 12″ / ← M6-1 L 21″ X 15″

(C) EDWIN ROBERTSON ROAD — 48″ X 34″ / DETOUR M4-8 24″ X 12″ / ↑ M6-3 21″ X 15″

(D) EDWIN ROBERTSON ROAD — 48″ X 34″ / END DETOUR M4-8 A 24″ X 18″

(E) ROAD CLOSED AHEAD W20-3 48″ X 48″ / NEXT LEFT SP-4L 42″ X 12″

(F) ROAD CLOSED AHEAD W20-3 48″ X 48″ / NEXT RIGHT SP-4R 42″ X 12″

(G) ROAD CLOSED AHEAD W20-3 48″ X 48″

(H) DETOUR AHEAD W20-2 48″ X 48″

(I) ROAD CLOSED 1000 FT W20-3 48″ X 48″

(J) ROAD CLOSED 500 FT W20-3 48″ X 48″

(K) R11-4 60″X30″ ROAD CLOSED TO THRU TRAFFIC / M4-10L 48″X18″ DETOUR
TYPE III BARRICADE

(L) R11-4 60″X30″ ROAD CLOSED TO THRU TRAFFIC / M4-10R 48″X18″ DETOUR
TYPE III BARRICADE

(M) R11-2 48″ X 30″ ROAD CLOSED
TYPE III BARRICADE(S)

APPROVED: _____ DATE: _____

DETOUR ROUTE AND SIGNING

NORTH CAROLINA PROFESSIONAL 027856 ENGINEER Jennifer L. Portanova
11/26/08

SCALE:	NONE
DATE:	NOV. 08
DWG. BY:	JLF
DESIGN BY:	JLF
REVIEWED BY:	JLP

REVISIONS

CADD FILE