B-3606 TCP-1

# PLAN FOR PROPOSED TRAFFIC CONTROL, MARKING & DELINEATION

# ASHE 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
1101.11	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
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
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]

SHEET NO.	<u>TITLE</u>
TCP-1	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, LEGEND AND INDEX OF SHEETS
TCP-2	GENERAL NOTES, PHASING AND FINAL PAVEMENT MARKING SCHEDUL
TCP-3	DETOUR ROUTE, SIGNING AND BARRICADE PLACEMENT
SD-1	SPECIAL SIGN DESIGN

# **LEGEND**

### **GENERAL**

DIRECTION OF TRAFFIC FLOW

NORTH ARROW

PROPOSED PVMT. ----- EXIST. PVMT.

WORK AREA

REMOVAL OF EXISTING PAVEMENT

### TRAFFIC CONTROL DEVICES

T TYPE I 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

# TP PROTECT:

909

3

M

ROJ. REFERENCE NO.	SHEET NO.
B-3606	700.0
	TCP-2

# 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

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 ENGINÉER.

### TRAFFIC PATTERN ALTERATIONS

- A) NOTIFY THE ENGINEER TWENTY ONE (21) CALENDAR DAYS PRIOR TO ANY TRAFFIC PATTERN ALTERATION.
- BACKFILL AT A 6:1 SLOPE UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT IN AREAS ADJACENT TO AN OPENED TRAVEL LANE THAT HAS AN EDGE OF PAVEMENT DROP-OFF AS FOLLOWS:

BACKFILL DROP-OFFS THAT EXCEED 2 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS OF 45 MPH OR GREATER.

BACKFILL DROP-OFFS THAT EXCEED 3 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS LESS THAN 45 MPH.

BACKFILL WITH SUITABLE COMPACTED MATERIAL, AS APPROVED BY THE ENGINEER, AT NO EXPENSE TO THE DEPARTMENT.

#### SIGNING

- C) PROVIDE PERMANENT SIGNING.
- D) PROVIDE DETOUR SIGNING WITHIN AND OFF THE PROJECT LIMITS.
- E) COVER OR REMOVE ALL DETOUR SIGNS WITHIN AND 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 LÉNGTH 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 NONE ANDERSON HILL ROAD (SR-1366) PAINT

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

# PHASING

USING SHEETS TCP-3 AND TCP-4, INSTALL DETOUR SIGNS AND PLACE TYPE III BARRICADES TO CLOSE SR 1366 (ANDERSON HILL ROAD) TO THRU TRAFFIC AND DETOUR TRAFFIC ONTO PROPOSED DETOUR.

NOTE: MAINTAIN ACCESS TO DRIVEWAYS AT ALL TIMES.

- STEP 2. AWAY FROM TRAFFIC, PERFORM THE FOLLOWING:
  - REMOVE EXISTING STRUCTURE NO. 70 AND CONSTRUCT PROPOSED STRUCTURE FROM -L- STA. 11+10 +/- TO -L- STA. 12+20 +/-.
  - CONSTRUCT PROPOSED ROADWAY FROM -L- STA. 10+00 +/- TO -L- STA. 13+65 +/- UP TO AND INCLUDING THE FINAL SURFACE LAYER.
  - COMPLETE ALL DRAINAGE WORK WITHIN THE PROJECT LIMITS.
  - PLACE FINAL PAVEMENT MARKINGS (PAINT) ON -L- AND TIE IN WITH EXISTING PAVEMENT MARKINGS FROM -L- STA. 10+00 +/- TO -L-STA. 13+65 +/-.
- STEP 3. REMOVE ALL TRAFFIC CONTROL DEVICES AND DETOUR SIGNS. OPEN SR 1366 (ANDERSON HILL ROAD) TO ALL TRAFFIC.

## Final Pavement Marking Schedule

	TIP	Project # B-3606					
SYMBOL	DESCRIPTION			Y ITEM QUANTITY BREAKDOWN		TOTAL QUANTITY	
		FINAL					
	PAVE	MENT MARKINGS					
P4	WHITE STOPBAR (2X)	PAINT (24")	32	LF TOTAL	32	LF	
PA	WHITE EDGELINE (2X)	PAINT(4")	1500	LF			
ΡI	YELLOW DOUBLE CENTER (2X)		1500	LF TOTAL	3000	LF	

DWG. BY:

GENERAL NOTES, PHASING AND FINAL PAVEMENT MARKING SCHEDULE

NONE OCT. 07 JLF DESIGN BY: JLF REVIEWED BY: HAL

REVISIONS

