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# STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

STATE PROJECT REFERENCE NO. SHEET NO. B-4641 TCP-1

# PLAN FOR PROPOSED TRAFFIC CONTROL, MARKING & DELINEATION

# SCOTLAND 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:

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#### TITLE

1101.03	TEMPORARY ROAD CLOSURES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1130.01	DRUMS
1145.01	BARRICADES

## INDEX OF SHEETS

#### SHEET NO.

#### TITLE

TCP-1

LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, LEGEND, INDEX OF SHEETS AND FINAL PAVEMENT MARKING SCHEDULE

TCP-2

PROJECT NOTES AND PHASING

TCP-3

OFFSITE DETOUR SIGNING AND ROAD CLOSURE SIGNING

## **LEGEND**

#### **GENERAL**

DIRECTION OF TRAFFIC FLOW

NORTH ARROW

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



REMOVAL OF EXISTING PAVEMENT

#### TRAFFIC CONTROL DEVICES

T TYPE I BARRICADE

TYPE III BARRICADE

CONE

SKINNY DRUM



STATIONARY SIGN

PORTABLE SIGN

STATIONARY OR PORTABLE SIGN

- CRASH CUSHION

CHANGEABLE MESSAGE SIGN

TRUCK MOUNTED IMPACT ATTENUATOR (TMIA)

POLICE

**FLAGGER** 

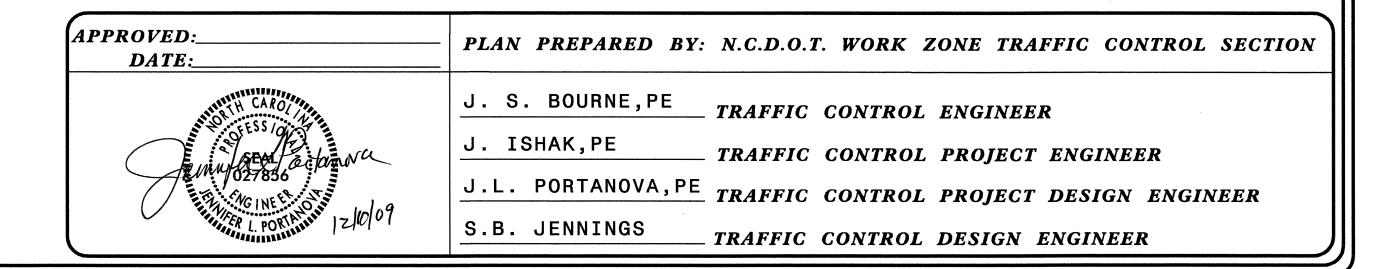
#### PAVEMENT MARKINGS

CRYSTAL/CRYSTAL PAVEMENT MARKER

YELLOW/YELLOW PAVEMENT MARKER

CRYSTAL/RED PAVEMENT MARKER

PAVEMENT MARKING SYMBOLS



#### PROJ. REFERENCE NO. SHEET NO. B-4641 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.

#### TRAFFIC PATTERN ALTERATIONS

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

#### SIGNING

- B) PROVIDE PERMANENT SIGNING.
- PROVIDE SIGNING AND DEVICES REQUIRED TO CLOSE ROAD ACCORDING TO THE ROADWAY STANDARD DRAWINGS AND TRAFFIC CONTROL PLANS.
  - PROVIDE SIGNING REQUIRED FOR THE OFF-SITE DETOUR ROUTE AS SHOWN IN THE TRAFFIC CONTROL PLANS.
- D) COVER OR REMOVE ALL SIGNS AND DEVICES REQUIRED TO CLOSE THE ROAD WHEN ROAD CLOSURE IS NOT IN OPERATION.
  - COVER OR REMOVE ALL SIGNS REQUIRED FOR THE OFF-SITE DETOUR WHEN THE DETOUR IS NOT IN OPERATION.
- 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.

# **PHASING**

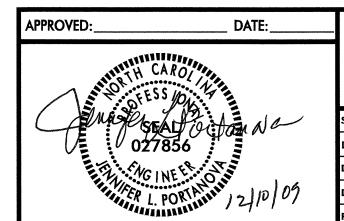
STEP 1: USING RSD 1101.03 SHEET 1 OF 9 AND SHEET TCP-3, INSTALL DETOUR SIGNS AND PLACE TYPE III BARRICADES TO CLOSE US 74 BUS. TO THRU TRAFFIC AND DETOUR TRAFFIC ONTO PROPOSED DETOUR.

STEP 2: AWAY FROM TRAFFIC, PERFORM THE FOLLOWING:

- REMOVE EXISTING STRUCTURE NO. 75 AND CONSTRUCT PROPOSED STRUCTURE FROM -L- STA. 14+80 TO -L- STA. 17+15. SEE ROADWAY PLANS.
- CONSTRUCT PROPOSED -L- UP TO AND INCLUDING THE FINAL LAYER OF SURFACE COURSE.
- PLACE PERMANENT PAVEMENT MARKINGS FROM -L- STA.11+65 TO -L- STA. 20+15 AND TIE INTO EXISTING MARKINGS.

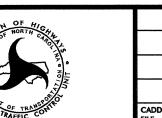
STEP 3: REMOVE ALL TRAFFIC CONTROL DEVICES AND DETOUR SIGNING AND OPEN

US 74 BUS. TO PROPOSED TWO-LANE, TWO-WAY TRAFFIC PATTERN.



#### PROJECT NOTES AND PHASING

SCALE:	NONE		
DATE:	APR 2009		
OWG. BY:	SBJ		
DESIGN BY	: SBJ		
REVIEWED I	ey: JLP		



**REVISIONS** 

