

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

STATE PROJECT REFERENCE NO.	SHEET NO.
B-2532	TCP-1

**PLAN FOR PROPOSED
TRAFFIC CONTROL, MARKING & DELINEATION
CRAVEN COUNTY**

B-2532

ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - ROADWAY DESIGN UNIT-N.C. DEPARTMENT OF TRANSPORTATION-RALEIGH, N.C., DATED JANUARY 2006 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1101.02	TEMPORARY LANE CLOSURES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1130.01	DRUMS
1135.01	CONES
1145.01	BARRICADES
1150.01	FLAGGERS
1205.01	PAVEMENT MARKINGS - LINE TYPES & OFFSETS
1205.02	PAVEMENT MARKINGS - 2 LANE & MULTILANE ROADWAYS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS & WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.12	PAVEMENT MARKINGS - BRIDGES
1250.01	PAVEMENT MARKER SPACING
1253.01	SNOWPLOWABLE RAISED PAVEMENT MARKERS
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	PROJECT NOTES
TCP-3	PHASING
TCP-4	LANE CLOSURE AND SIGN DETAIL
TCP-5	LANE CLOSURE AND SIGN DETAIL
TCP-6	LANE CLOSURE AND SIGN DETAIL
PMP-1	FINAL PAYMENT MARKING SCHEDULE
PMP-2	FINAL PAYMENT MARKING

LEGEND

- GENERAL**
- DIRECTION OF TRAFFIC FLOW
 - NORTH ARROW
 - PROPOSED PVMT. EXIST. PVMT.
 - WORK AREA
 - REMOVAL OF EXISTING PAVEMENT
- TRAFFIC CONTROL DEVICES**
- TYPE III BARRICADE
 - DRUM
 - TUBULAR MARKER
 - FLASHING ARROW PANEL (TYPE C)
 - PORTABLE SIGN
 - STATIONARY SIGN
 - CHANGEABLE MESSAGE SIGN
- PAVEMENT MARKINGS**
- PERMANENT PAVEMENT MARKING SYMBOLS

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APPROVED: <i>Meredith M. McDiarmid</i> DATE: <i>10/21/06</i>	PLAN PREPARED BY: N.C.D.O.T. WORK ZONE TRAFFIC CONTROL UNIT
SEAL 	J. S. BOURNE, P.E. TRAFFIC CONTROL ENGINEER
	M. McDIARMID, P.E. TRAFFIC CONTROL PROJECT ENGINEER
	C. B. HOWARD TRAFFIC CONTROL PROJECT DESIGN ENGINEER
	M. D. STOKES TRAFFIC CONTROL DESIGN ENGINEER / TECHNICIAN

PROJECT NOTES

PROJ. REFERENCE NO. B-2532	SHEET NO. TCP-2
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GENERAL NOTES

ADAPT THE TRAFFIC CONTROL PLANS, WHEN DIRECTED BY THE ENGINEER, TO MEET FIELD CONDITIONS TO PROVIDE SAFE AND EFFICIENT TRAFFIC MOVEMENT. CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAIL DRAWINGS, STANDARD DETAILS AND ROADWAY DETAILS ARE NOT ATTAINABLE, OR RESULT IN DUPLICATE, OR UNDESIRED OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING OR REMOVAL OF DEVICES.

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 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 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.
- C) 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.

PAVEMENT EDGE DROP OFF REQUIREMENTS

- D) BACKFILL AT A 6:1 SLOPE UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT IN AREAS ADJACENT TO AN OPENED TRAVEL LANE THAT HAVE A DROP-OFF AS FOLLOWS:

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

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

TRAFFIC PATTERN ALTERATIONS

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

SIGNING

- F) PROVIDE PERMANENT SIGNING.
- G) PROVIDE AND MAINTAIN CHANGEABLE MESSAGE SIGN(CMS)BOARDS OFF THE PROJECT LIMITS.
- H) STATE FORCES WILL BE RESPONSIBLE FOR DETOUR SIGNING.
- I) STATE FORCES WILL BE RESPONSIBLE FOR CMS MESSAGING.
- J) STATE FORCES WILL COVER OR REMOVE ALL DETOUR SIGNS WHEN THE DETOUR IS NOT IN OPERATION.
- K) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.
- L) STATIONARY SIGNS ON BRIDGE DECKS MAY BE ATTACHED TO BRIDGE RAILING.

TRAFFIC CONTROL DEVICES

- M) WHEN USING ROADWAY STANDARD NO. 1101.02, SHEET 1 OF 9, SKINNY-DRUMS MAY BE USED IN LIEU OF CONES.
- N) PLACE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY. STAGGER OR OVERLAP BARRICADES TO ALLOW FOR INGRESS OR EGRESS.
- O) TUBULAR MARKERS ARE TO BE MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF THE PROJECT. ALL DAMAGED TUBULAR MARKERS ARE TO BE REPLACED AT NO COST TO THE DEPARTMENT.

PAVEMENT MARKINGS AND MARKERS

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



ROAD NAME	MARKING	MARKER
US 70 BUS	TYPE III COLD APPLIED PLASTIC	SNOWPLOWABLE
- Q) INSTALL TEMPORARY PAVEMENT MARKINGS ON PAVEMENT AS FOLLOWS:

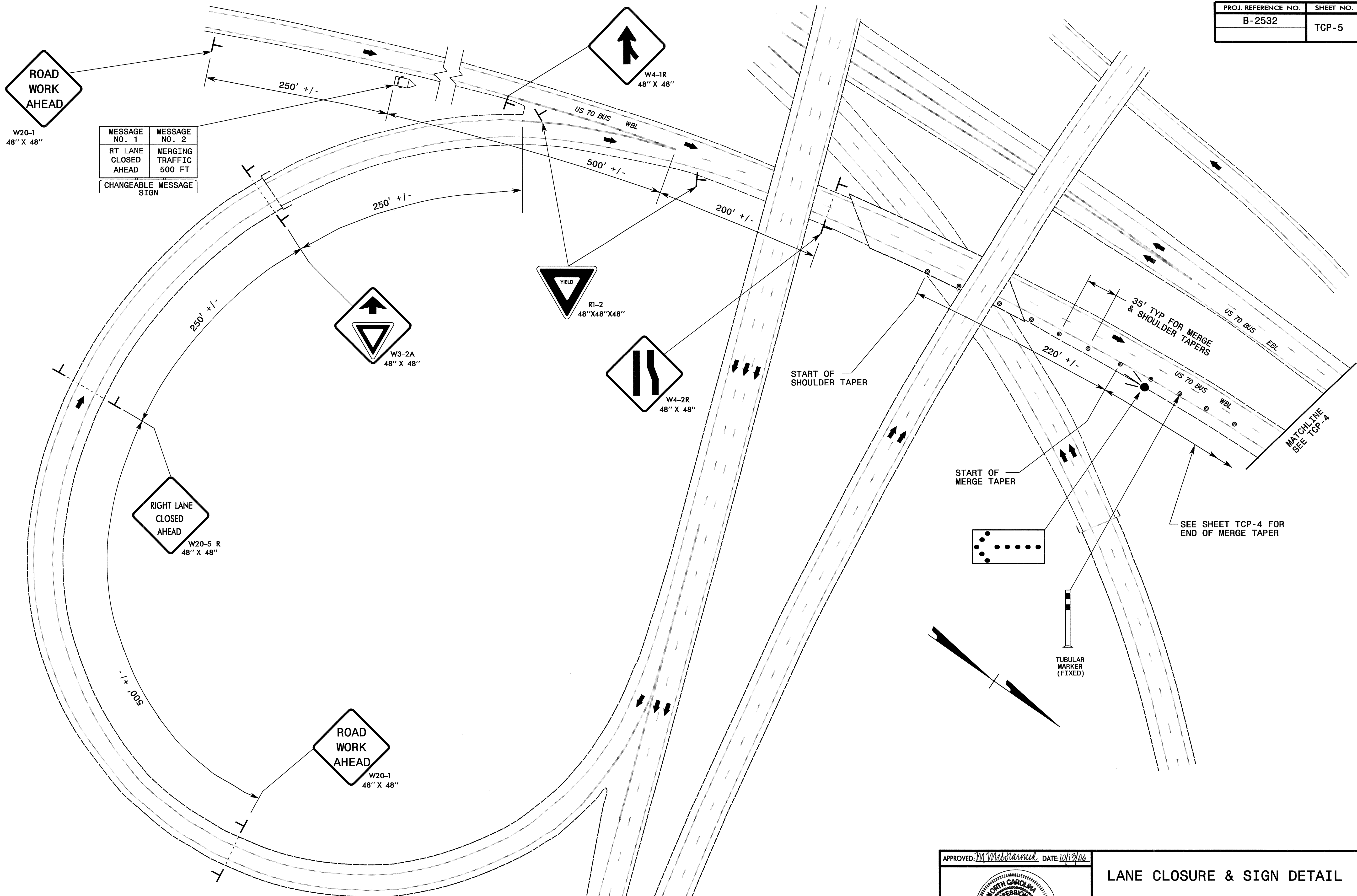
ROAD NAME	MARKING
S. FRONT STREET	TYPE IV COLD APPLIED PLASTIC
- R) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.

MISCELLANEOUS

- S) REFER TO MUTCD, PARTS 6D AND 6H1, AND PROVIDE FOR PEDESTRIAN SAFETY AND ACCESSIBILITY CONSIDERATIONS.

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APPROVED: <i>M. M. Brumud</i> DATE: 10/13/06	PROJECT NOTES										
	SCALE: NONE										
	DATE:										
	DWG. BY: MDS										
	DESIGN BY: MDS										
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- NOTES:
- EXISTING PAVEMENT MARKINGS ARE SHOWN IN GRAY.
 - SEE DETAIL "A" ON TCP-4 AND NCDOT STANDARD SPECIFICATIONS FOR TUBULAR MARKER REQUIREMENTS.

APPROVED: <i>M. Mohammed</i> DATE: 10/13/06		<h3>LANE CLOSURE & SIGN DETAIL</h3>		
	SCALE: NONE			
	DATE:			
	DWG. BY: MDS			
	DESIGN BY: MDS			
	REVIEWED BY: CBH			

