

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

STATE PROJECT REFERENCE NO.	SHEET NO.
B - 4110	TCP-1

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

B-4110

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 2002 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD 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
1115.01	FLASHING ARROW PANELS
1135.01	CONES
1150.01	FLAGGERS
1165.01	TRUCK MOUNTED IMPACT ATTENUATOR
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
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
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

PHASING

- STEP 1 - USING ROADWAY STANDARD DAWING NO. 1101.02, SHEETS 1 & 3 OF 7 AND ROADWAY STANDARD DRAWING NO. 1101.03 SHEETS 8 & 9 OF 9:
- INSTALL TEMPORARY SIGNAL AT INTERSECTION OF US 501 AND JONES ROAD (SR 1618). SEE SIGNAL PLANS.
 - PLACE PAVEMENT MARKINGS (PAINT ON STOPBARS POLYUREA ON ALL OTHER MARKINGS), PERMANENT RAISED PAVEMENT MARKERS AND INSTALL WARNING SIGNS AT THE INTERSECTION OF US 501 AND JONES ROAD (SR 1618). SEE SHEET TCP-3.
- STEP 2 - INSTALL OFF-SITE DETOUR SIGNING AND STOP SIGNS FOR THE CLOSING OF BAHAMA ROAD (SR 1616) -L-. SEE SHEET TCP-3
- USING ROADWAY STANDARD DRAWING NO. 1101.03, SHEETS 1 & 2 OF 9, CLOSE BAHAMA ROAD (SR 1616) -L- TO TRAFFIC. SEE SHEET TCP-3.
- NOTE: PLACE ADDITIONAL TYPE III BARRICADES AT STA. 11+00 +/- -L- AND STA. 19+20 +/- -L- TO MAINTAIN ACCESS TO DRIVEWAYS.
- PLACE EXISTING SIGNAL AT THE INTERSECTION OF US 501 AND BAHAMA ROAD (SR 1616) ON FLASH AND ACTIVATE TEMPORARY SIGNAL AT THE INTERSECTION OF US 501 & JONES ROAD (SR 1618).
- STEP 3 - REMOVE THE EXISTING STRUCTURE AND CONSTRUCT THE PROPOSED STRUCTURE AND ROADWAY UP TO AND INCLUDING THE FINAL LAYER OF SURFACE COURSE. SEE CONSTRUCTION PLANS.
- NOTE: BRIDGE NO.6 ON BALL ROAD (SR 1617) HAS A WEIGHT RESTRICTION, SEE PROJECT NOTE "V".
- PLACE THE FINAL PAVEMENT MARKINGS (POLYUREA) AND PERMANENT RAISED PAVEMENT MARKERS ON BAHAMA ROAD (SR 1616) -L-.
- STEP 4 - REMOVE ALL TRAFFIC CONTROL DEVICES, DETOUR ROUTE SIGNING, STOPBARS (PAINT) ON US 501 AND TEMPORARY SIGNAL. ACTIVATE EXISTING SIGNAL AT INTERSECTION OF US 501 & BAHAMA ROAD (SR 1616) AND REMOVE STOP SIGNS.
- REOPEN BAHAMA ROAD (SR 1616) -L- TO THE FINAL TRAFFIC PATTERN.

INDEX OF SHEETS

SHEET NO.	TITLE
TCP-1	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, PHASING, LEGEND & INDEX OF SHEETS
TCP-2	PROJECT NOTES & PAVEMENT MARKING SCHEDULE
TCP-3	OFF-SITE DETOUR & PAVEMENT MARKINGS FOR TEMPORARY SIGNAL.
TCP-4	DETOUR SIGN DETAIL
TCP-5	REPLACEMENT DETAIL FOR RSD 1101.04
TCP-6	REPLACEMENT DETAIL FOR RSD 1130.01
TCP-7	REPLACEMENT DETAIL FOR RSD 1145.01

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
 - FLASHING ARROW PANEL (TYPE C)
 - TYPE 'B' WARNING LIGHT
 - STATIONARY SIGN
 - PORTABLE SIGN
 - STATIONARY OR PORTABLE SIGN
 - WARNING FLAGS
 - 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

TIP PROJECT:

05-DEC-2005 14h5 \\lets-ccfso3\B4110\Traffic\TrafficControl\top\b-4110-rc-top-top01.dgn mwasaya AT WZTC24168

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