

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

| | |
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| STATE PROJECT REFERENCE NO. | SHEET NO. |
| B-3640 | TCP-1 |

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

B-3640

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 |
|----------|---|
| 1101.02 | 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 |
| 1130.01 | DRUMS |
| 1135.01 | CONES |
| 1145.01 | BARRICADES |
| 1150.01 | FLAGGING DEVICES |
| 1180.01 | SKINNY-DRUM |
| 1205.01 | PAVEMENT MARKINGS - LINE TYPES & OFFSETS |
| 1205.02 | PAVEMENT MARKINGS - 2 LANE & MULTILANE ROADWAYS |
| 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. | TITLE |
|-----------|--|
| TCP-1 | LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, LEGEND, INDEX OF SHEETS AND FINAL PAVEMENT MARKING SCHEDULE |
| TCP-2 | GENERAL NOTES AND PHASING |
| TCP-3 | OFF-SITE DETOUR ROUTE AND SIGNING |

LEGEND

GENERAL
 NORTH ARROW
 WORK AREA

TRAFFIC CONTROL DEVICES

 TYPE III BARRICADE

TIP PROJECT:

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|---|---|
| APPROVED: <i>Meredith McDiarmid</i> DATE: <i>4/4/06</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 |
| | D. H. BEARD TRAFFIC CONTROL DESIGN ENGINEER / TECHNICIAN |

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.

TRAFFIC PATTERN ALTERATIONS

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

SIGNING

- B) STATE FORCES WILL BE RESPONSIBLE FOR PERMANENT SIGNING.
- C) STATE FORCES WILL BE RESPONSIBLE FOR ALL DETOUR AND ROAD CLOSURE SIGNS.
- D) STATE FORCES WILL COVER OR REMOVE ALL DETOUR AND ROAD CLOSURE SIGNS WHEN A DETOUR IS NOT IN OPERATION.
- E) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.

PAVEMENT MARKINGS AND MARKERS

- F) STATE FORCES WILL INSTALL PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE FINAL SURFACE AS FOLLOWS:

| ROAD NAME | MARKING | MARKER |
|----------------|---------|--------|
| 1. -L- SR 1400 | PAINT | NONE |

- G) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.

PHASING

PHASE I

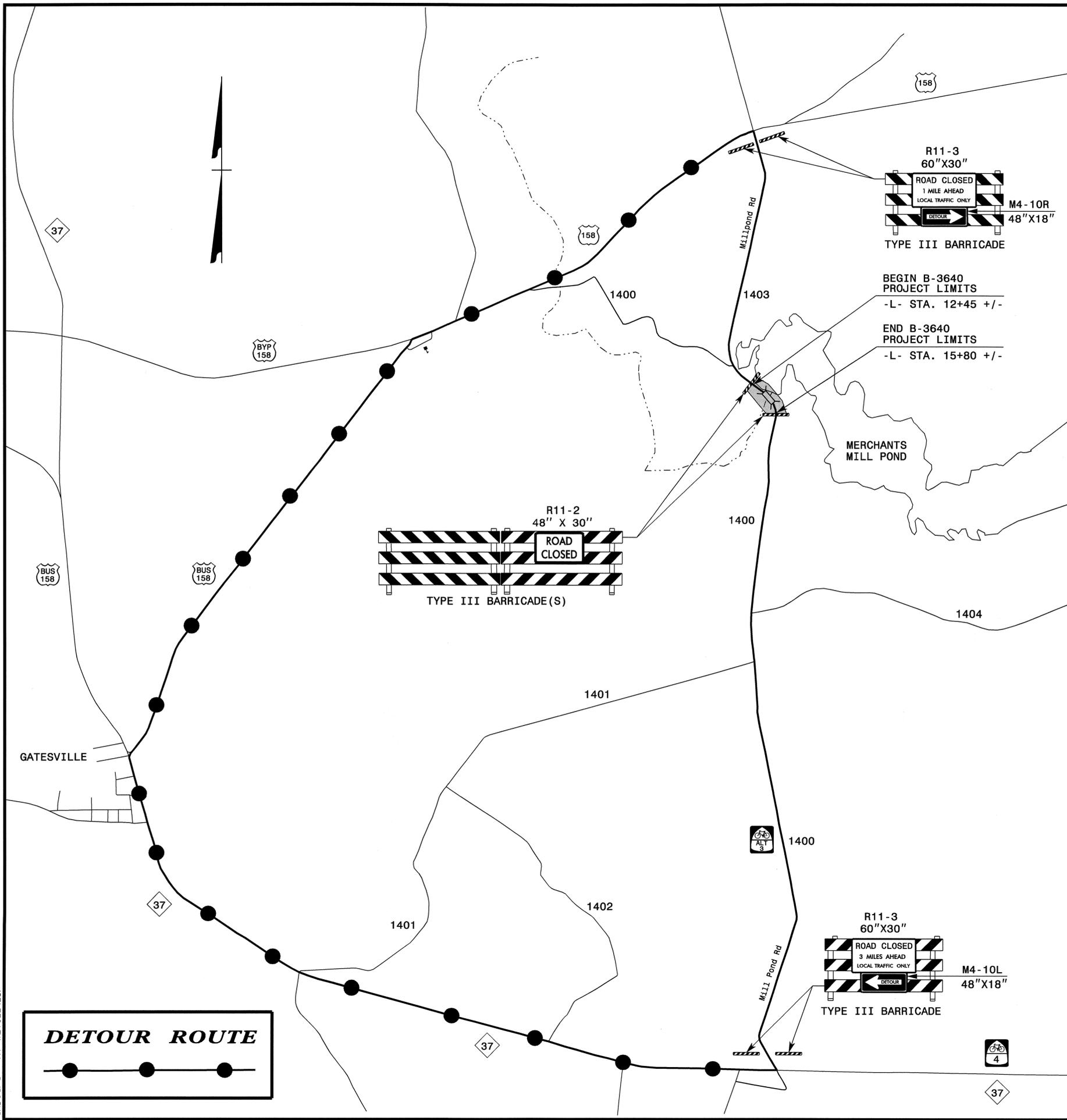
- STEP 1) STATE FORCES SHALL INSTALL ALL ADVANCE WARNING, ROAD CLOSURE AND OFF-SITE DETOUR SIGNING
- STEP 2) IMMEDIATELY AFTER STATE FORCES HAVE INSTALLED THE DETOUR SIGNS, SHIFT TRAFFIC TO THE OFF-SITE DETOUR. CLOSE SR 1400 (MILL POND RD.) USING TYPE III BARRICADES WITH SIGNS ATTACHED, FROM -L- STA. 12+45 +/- TO -L- STA. 15+80 +/- . MAINTAIN ACCESS TO ALL DRIVEWAYS WITHIN THE PROJECT LIMITS, SEE SHEET TCP-3.

NOTE: CONTRACTOR TO INSTALL ALL BARRICADES WITH SIGNS ATTACHED

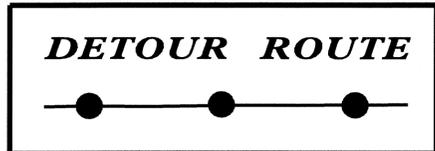
- STEP 3) REMOVE EXISTING BRIDGE #16 AND APPROACHES AND CONSTRUCT THE PROPOSED BRIDGE AND APPROACHES UP TO AND INCLUDING THE FINAL LAYER OF SURFACE COURSE FROM -L- STA. 12+45 +/- TO -L- STA. 15+80 +/- .
- STEP 4) IN A CONTINUOUS MANNER COMPLETE THE FOLLOWING:
 - REMOVE ON-SITE TRAFFIC CONTROL DEVICES (STATE FORCES TO REMOVE DETOUR SIGNS) AND OPEN SR 1400 (MILL POND RD.) TO TRAFFIC.
 - USING ROADWAY STANDARD DRAWING 1101.02 SHEET 1 OF 9 STATE FORCES TO INSTALL FINAL PAINT PAVEMENT MARKINGS.
 - STATE FORCES TO REMOVE OFF-SITE DETOUR SIGNS.

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| APPROVED: <i>M. M. McDaniel</i> DATE: <i>4/4/06</i> | GENERAL NOTES AND PHASING | | | | |
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| | DATE: 06-05 | | | | |
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| | DESIGN BY: DHB | | | | |
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- NOTES:
- STATE FORCES SHALL INSTALL ALL ADVANCE WARNING, OFF-SITE DETOUR AND ROAD CLOSURE SIGNING.
 - CONTRACTOR TO INSTALL ALL BARRICADES WITH SIGNS ATTACHED



| APPROVED: <i>J.M. McDiarmid</i> DATE: <i>4/4/06</i> | OFF-SITE DETOUR ROUTE AND SIGNING | | | | | | | |
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