

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

|                             |           |
|-----------------------------|-----------|
| STATE PROJECT REFERENCE NO. | SHEET NO. |
| B-4022                      | TCP-01    |

**PLAN FOR PROPOSED  
TRAFFIC CONTROL, MARKING & DELINEATION  
PITT AND BEAUFORT COUNTIES**

**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 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                         |
| 1110.01  | STATIONARY WORK ZONE SIGNS                      |
| 1145.01  | BARRICADES                                      |
| 1205.01  | PAVEMENT MARKINGS - LINE TYPES & OFFSETS        |
| 1205.02  | PAVEMENT MARKINGS - 2 LANE & MULTILANE ROADWAYS |
| 1205.12  | PAVEMENT MARKINGS - BRIDGES                     |
| 1261.01  | GUARDRAIL & BARRIER DELINEATOR SPACING          |
| 1261.02  | GUARDRAIL & BARRIER DELINEATOR TYPES            |
| 1262.01  | GUARDRAIL END DELINEATION                       |
| 1264.01  | OBJECT MARKERS                                  |
| 1264.02  | PLACEMENT OF OBJECT MARKERS                     |

**INDEX OF SHEETS**

| SHEET NO. | TITLE  |
|-----------|--|
| TCP-01    | LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, LEGEND, INDEX OF SHEETS, GENERAL NOTES AND FINAL PAVEMENT MARKINGS |
| TCP-02    | DETOUR ROUTE AND DETOUR SIGNING  |

**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 UNDESIRABLE 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) STATE FORCES WILL BE RESPONSIBLE FOR PERMANENT SIGNING.
- C) PROVIDE DETOUR SIGNING WITHIN AND OFF THE PROJECT LIMITS.
- D) COVER OR REMOVE ALL DETOUR SIGNS OFF THE PROJECT LIMITS WHEN A DETOUR IS NOT IN OPERATION.
- E) 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.

PAVEMENT MARKINGS AND MARKERS

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

| ROAD NAME    | MARKING PAINT | MARKER |
|--------------|---------------|--------|
| SR 1414/1556 | PAIN          | NONE   |

H) 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.

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

**PHASING**

NOTE: MAINTAIN INGRESS AND EGRESS TO ALL RESIDENTS AT ALL TIMES DURING CONSTRUCTION.

- 1) USING ROADWAY STANDARD DRAWINGS 1101.03, SHEET 1 OF 9, AND TCP-2 CLOSE SR 1414/SR 1556 AND PLACE TRAFFIC ON DETOUR ROUTE.
- 2) REMOVE EXISTING STRUCTURE AND CONSTRUCT PROPOSED ROADWAY AND BRIDGE UP TO AND INCLUDING THE FINAL LAYER OF SURFACE COURSE. PLACE FINAL PAVEMENT MARKINGS AND TIE IN WITH EXISTING MARKINGS.
- 3) REMOVE ALL TRAFFIC CONTROL DEVICES AND REOPEN SR 1414/SR 1556 TO FINAL TRAFFIC PATTERN.

**PAVEMENT MARKING SCHEDULE**

| DESCRIPTION          | QUANTITY BREAKDOWN    | TOTAL QUANTITY |
|----------------------|-----------------------|----------------|
| WHITE EDGELINE       | PAINT (4")<br>3400 LF | TOTAL 6800 LF  |
| YELLOW DOUBLE CENTER | 3400 LF               |                |

APPROVED: *[Signature]*  
DATE: September 16, 2007

SEAL

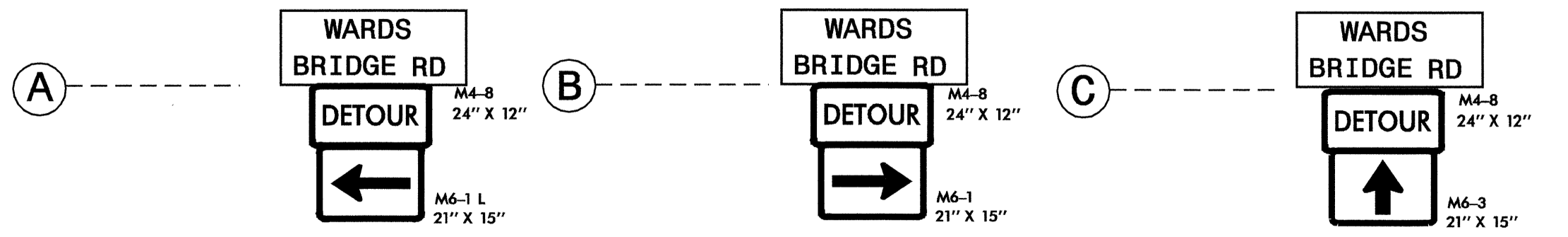
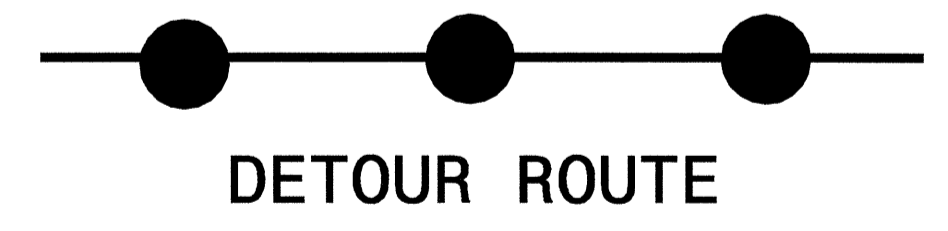
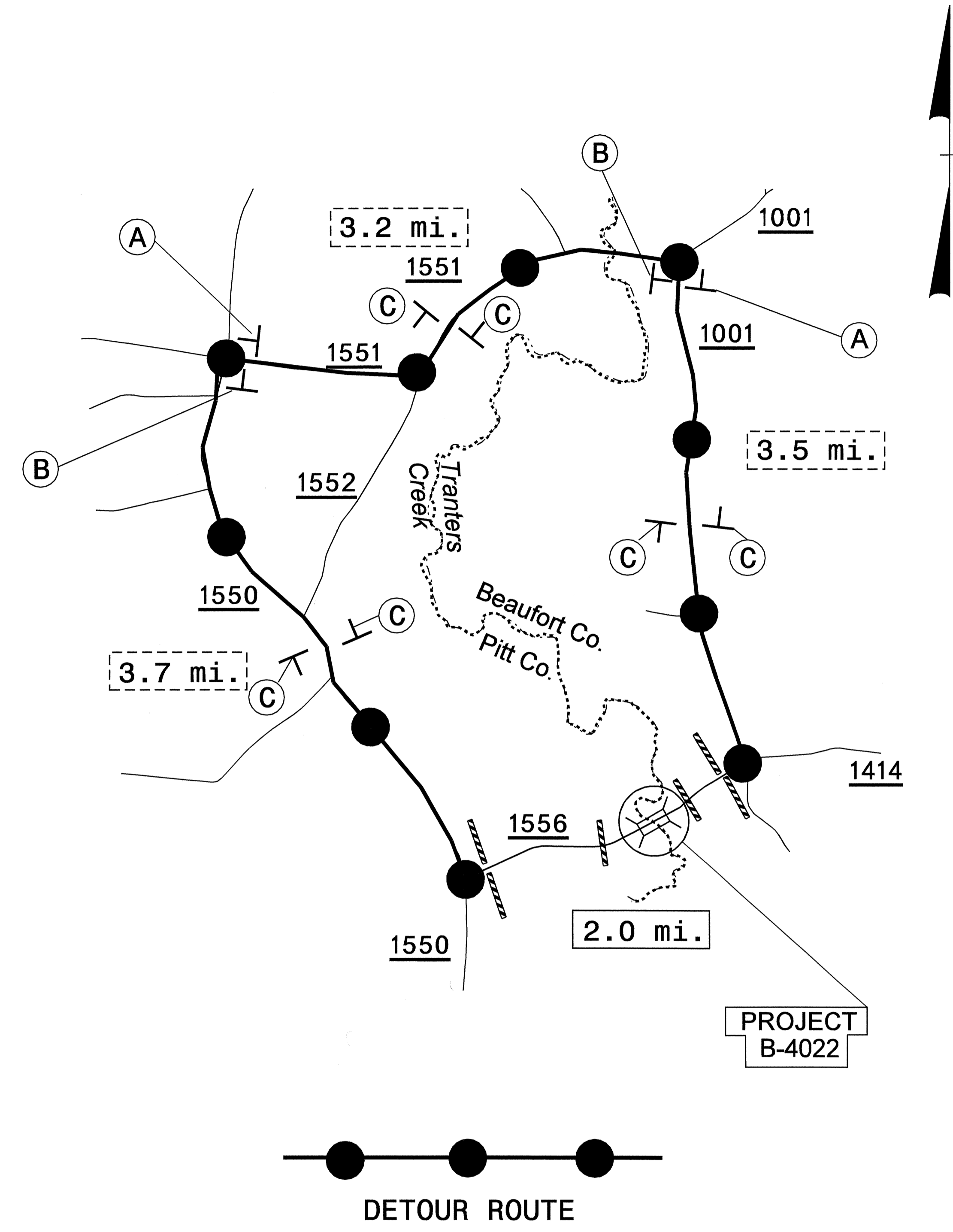


PLAN PREPARED BY: N.C.D.O.T. TRAFFIC CONTROL, MARKING & DELINEATION UNIT

- STUART BOURNE, P.E. TRAFFIC CONTROL ENGINEER
- J. STEVE KITE, P.E. TRAFFIC CONTROL PROJECT ENGINEER
- DON PARKER TRAFFIC CONTROL PROJECT DESIGN ENGINEER
- JEFF SPENCE TRAFFIC CONTROL DESIGN ENGINEER / TECHNICIAN

B-4022

TIP PROJECT:



|  |   |  |  |
|--|---|--|--|
| <b>Sign Number:</b><br>Type: D Ground<br>Quantity: 1   | <b>Design By:</b> DME<br>Project ID: B-4433 | <b>Check By:</b><br>DIV: 2   | <b>STD #:</b> N/A<br><b>Date:</b> Aug 09, 2005 |
| N. C. DEPARTMENT OF TRANSPORTATION<br>DIVISION OF HIGHWAYS<br>TRAFFIC ENGINEERING BRANCH<br>SIGNING DEPARTMENT   |   |  |  |
| <b>Sign Width:</b> 4'-0"<br><b>Height:</b> 2'-0"<br><b>Total Area:</b> 8.0 Sq.Ft.  |   | <b>Background Color:</b> Fluorescent Orange<br><b>Legend &amp; Border Color:</b> Black |  |
| <b>Border Type:</b> Recessed<br>Recess: 0.38"<br>Width: 0.63"<br>Radii: 1.5"   |   | <b>Backing Material:</b> 0.125 in. Aluminum<br>0.079 in. Composite                     |  |
| <b>NOTES:</b><br>1. Legend and border shall be direct applied non-reflective sheeting.<br>2. Background shall be Type VII, VIII, or IX (prismatic) retroreflective sheeting. |   |  |  |

BORDER R=1.5" TH=0.63" IN=0.38"

| Letter spacings are to start of next letter |     |     |     |     |     |      |   |     |     |     |  | Series/Size<br>Text Length |
|---|-----|-----|-----|-----|-----|------|---|-----|-----|-----|--|----------------------------|
| W   | A   | R   | D   | S   |     |      |   |     |     |     |  | C6                         |
| 13.2  | 4.8 | 4.8 | 4.6 | 4.3 | 3.3 | 13.2 |   |     |     |     |  | 21.7                       |
| B   | R   | I   | D   | G   | E   | R    | D |     |     |     |  | C6                         |
| 6.1   | 4.6 | 4.6 | 2.1 | 4.3 | 4.6 | 3    | 5 | 4.6 | 3.3 | 6.1 |  | 35.9                       |

Spacing Factor is 1 unless specified otherwise  
FILENAME: GS40\_ENGL

**NOTE: SEE RSD 1101.03, SHEET 1 OF 9 FOR ADVANCE WARNING SIGNAGE AND AND BARRICADE PLACEMENT.**

|   |  |   |  |  |  |  |
|---|--|---|--|--|--|--|
| APPROVED:<br>SEAL<br>   | <h2 style="margin: 0;">DETOUR ROUTE AND SPECIAL SIGN DESIGN</h2> | <b>REVISIONS</b><br><table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"> </td> <td style="width: 50%;"> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table> |  |  |  |  |
|   |  |   |  |  |  |  |
|   |  |   |  |  |  |  |
| SCALE: NONE<br>DATE: 1/05<br>DWG. BY: SJS<br>DESIGN BY: SJS<br>REVIEWED BY: DAP |  | CADD FILE   |  |  |  |  |

24-SEP-2007 13:18: \\dot\dfsroot\proj\trafficcontrol\top\B4022.wztc\TCP03\_DETOUR.dgn