

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

STATE PROJECT REFERENCE NO.	SHEET NO.
B-4592	TCP-1

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

B-4592

**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
1101.03	TEMPORARY ROAD CLOSURES
1101.05	WORK ZONE VEHICLE ACCESSES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1130.01	DRUM
1145.01	BARRICADES - TYPE III
1205.01	PAVEMENT MARKINGS - LINE TYPES & OFFSETS
1205.02	PAVEMENT MARKINGS - 2 LANE & MULTILANE ROADWAYS
1205.12	PAVEMENT MARKINGS - BRIDGES
1250.01	PAVEMENT MARKER SPACING
1251.01	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, INDEX OF SHEETS, PHASING, AND GENERAL NOTES
TCP-2	PLAN VIEW
TCP-3	DETOUR ROUTE
SD-1	SPECIAL SIGN DESIGN

**PHASING**

**PHASE I**

NOTE: THE CONTRACTOR SHALL FURNISH AND INSTALL ALL DETOUR ROUTE SIGNAGE PRIOR TO CLOSING THE ROADWAY TO TRAFFIC (SEE SHEETS TCP-2 AND TCP-3).

STEP 1:  
THE CONTRACTOR SHALL FURNISH AND INSTALL TYPE III BARRICADES AND APPROPRIATE SIGNAGE PER SHEETS TCP-2, TCP-3 AND RSD 1101.03 SHEET 1 OF 9.

STEP 2:  
THE CONTRACTOR SHALL PLACE TRAFFIC ONTO THE DETOUR THEN OBLITERATE THE EXISTING STRUCTURE AND CONSTRUCT THE PROPOSED STRUCTURE AND THE APPROACHES AS SHOWN IN THE CONSTRUCTION PLANS.

NOTE: THE CONTRACTOR SHALL PLACE DRUMS AS REQUIRED TO MAINTAIN ACCESS TO DRIVEWAYS DURING CONSTRUCTION.

STEP 3:  
THE CONTRACTOR SHALL FURNISH AND INSTALL ALL PAVEMENT MARKINGS (PAINT) AND PAVEMENT MARKERS (PERMANENT RAISED) ON THE FINAL SURFACE COURSE AND DELINEATION ON THE GUARDRAIL AND THE STRUCTURE.

STEP 4:  
AFTER CONSTRUCTION IS COMPLETE, THE CONTRACTOR SHALL OPEN THE ROADWAY TO TRAFFIC.

**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 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 AS 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.
- C) PROVIDE DETOUR SIGNING 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	MARKER
LAWRENCE ROAD (SR 1561)	PAINT	PERMANENT RAISED

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.

**LEGEND**

- GENERAL**
- DIRECTION OF TRAFFIC FLOW
  - NORTH ARROW
  - PROPOSED PVMT. EXIST. PVMT.
  - WORK AREA
  - REMOVAL OF EXISTING PAVEMENT

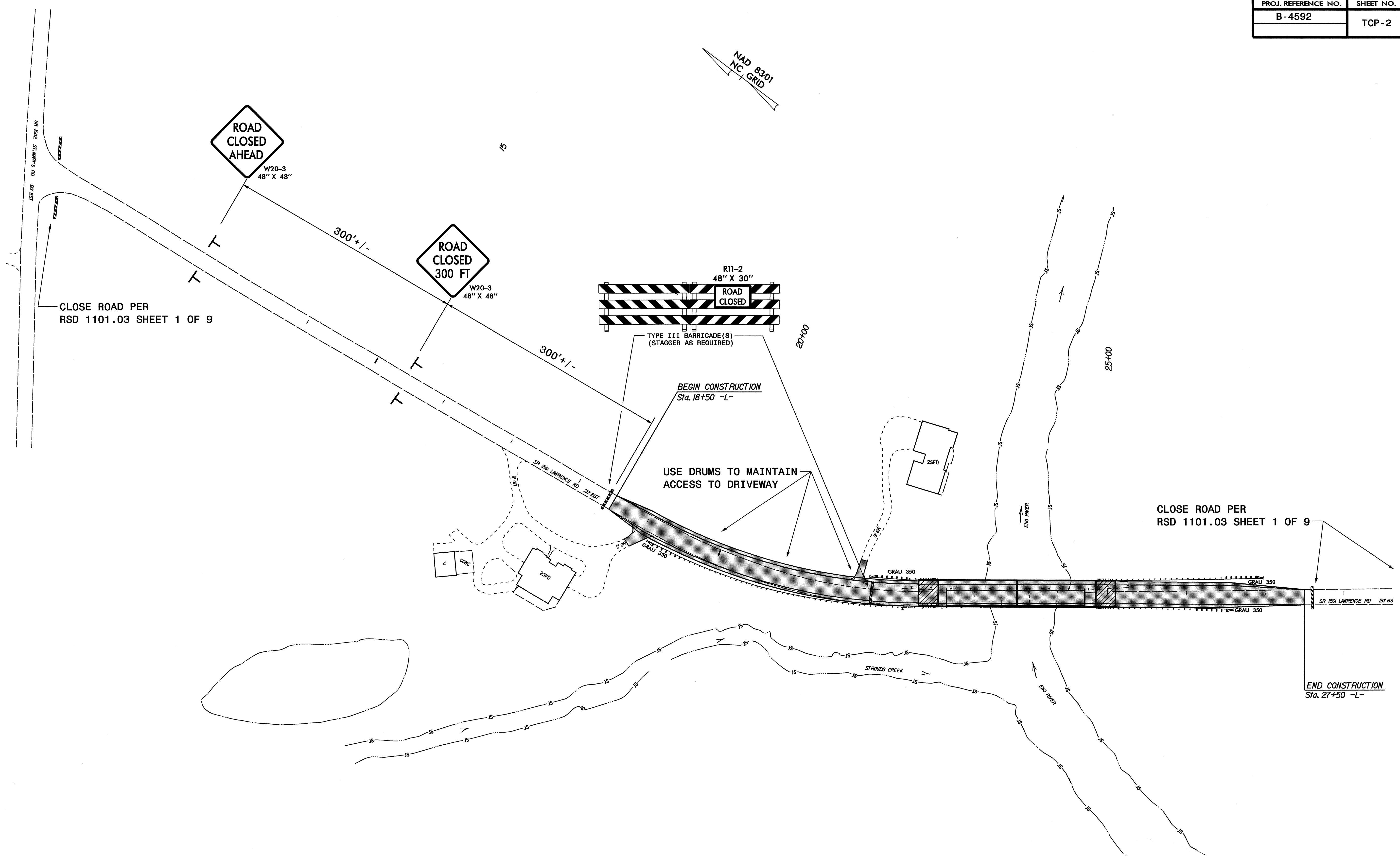
**TRAFFIC CONTROL DEVICES**

- TYPE III BARRICADE
- CONE
- DRUM SKINNY DRUM
- FLASHING ARROW PANEL (TYPE C)
- STATIONARY SIGN
- PORTABLE SIGN
- STATIONARY OR PORTABLE SIGN
- CRASH CUSHION
- CHANGEABLE MESSAGE SIGN
- TRUCK MOUNTED IMPACT ATTENUATOR (TMIA)
- POLICE
- FLAGGER

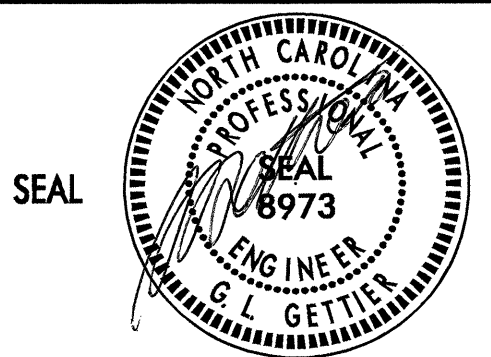
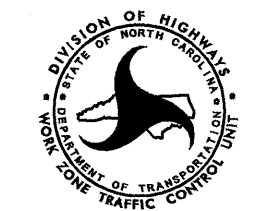
APPROVED: DATE: <i>7/11/08</i>	PLAN PREPARED BY: N.C.D.O.T. WORK ZONE TRAFFIC CONTROL UNIT
SEAL 	<i>J. S. BOURNE, P.E.</i> TRAFFIC CONTROL ENGINEER
	<i>G. L. GETTIER, P.E.</i> TRAFFIC CONTROL PROJECT ENGINEER
	<i>J. W. GILSTRAP</i> TRAFFIC CONTROL PROJECT DESIGN ENGINEER
	<i>KEN BROADWELL</i> TRAFFIC CONTROL DESIGN ENGINEER / TECHNICIAN

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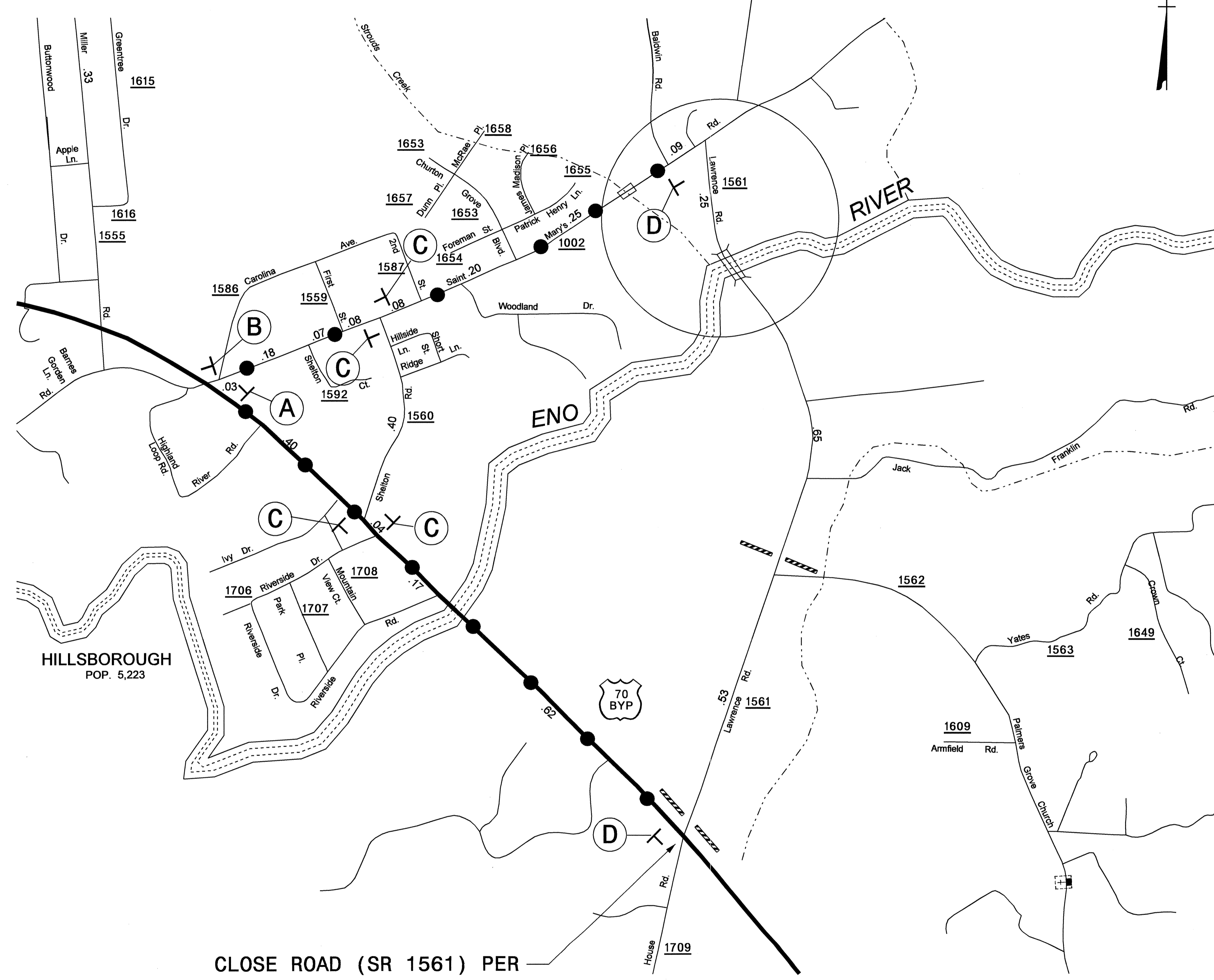
**TIP PROJECT:**



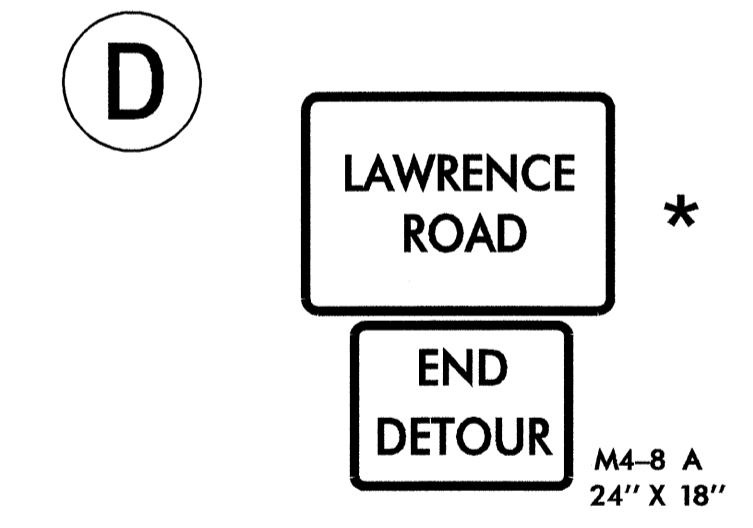
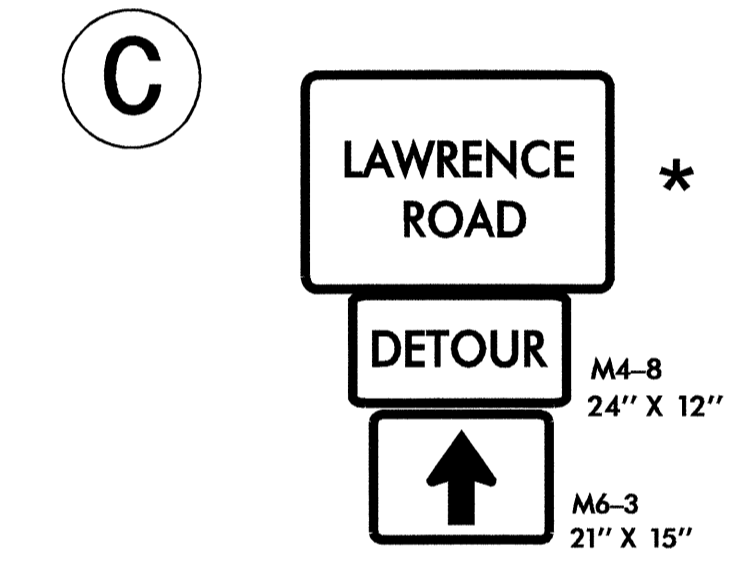
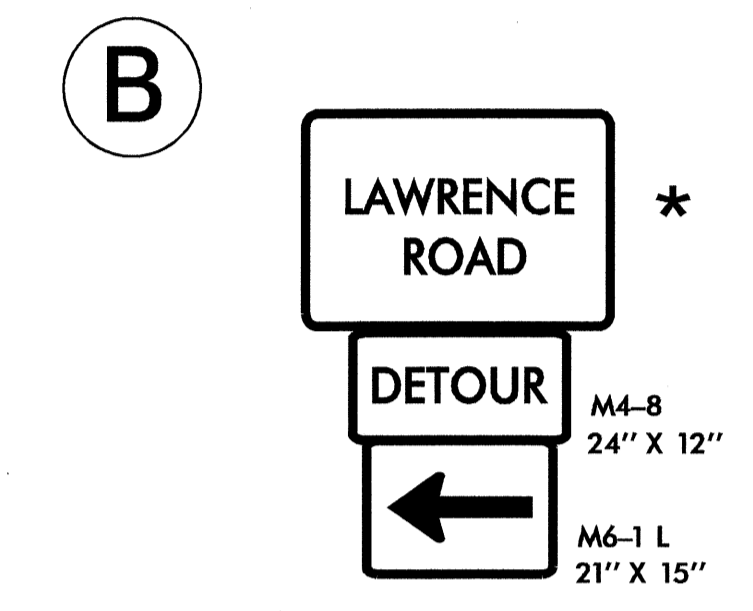
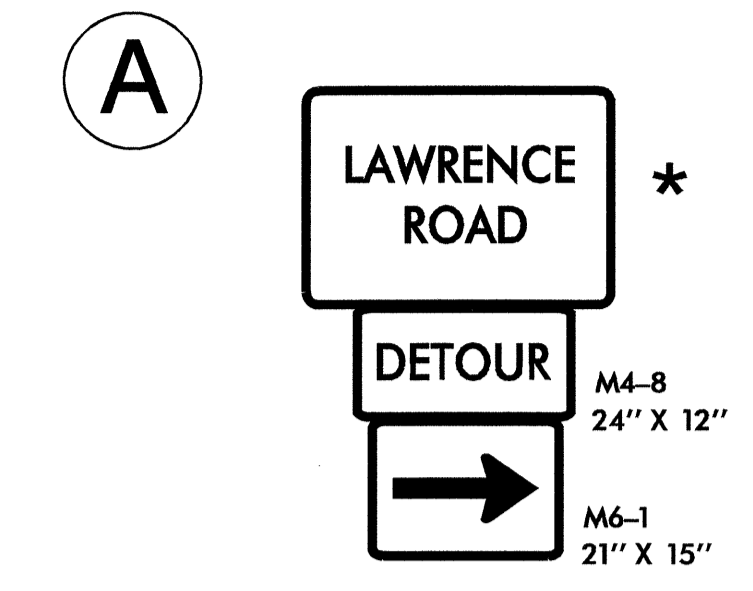
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APPROVED: _____ DATE: 7 APR 08 	<b>PLAN VIEW</b>									
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REVISIONS										

SEE SHEET TCP-2  
FOR ENLARGED PLAN



CLOSE ROAD (SR 1561) PER  
RSD 1101.03 SHEET 1 OF 9

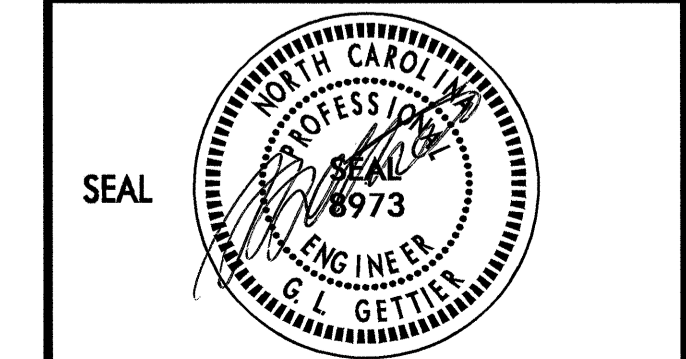


\* SEE SHEET SD-1 FOR  
SPECIAL SIGN DESIGNS

LEGEND



APPROVED: \_\_\_\_\_ DATE: 7 APR 08



DETOUR ROUTE		REVISIONS	
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DWG. BY: KPB	DESIGN BY: KPB		
REVIEWED BY: JWG			

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