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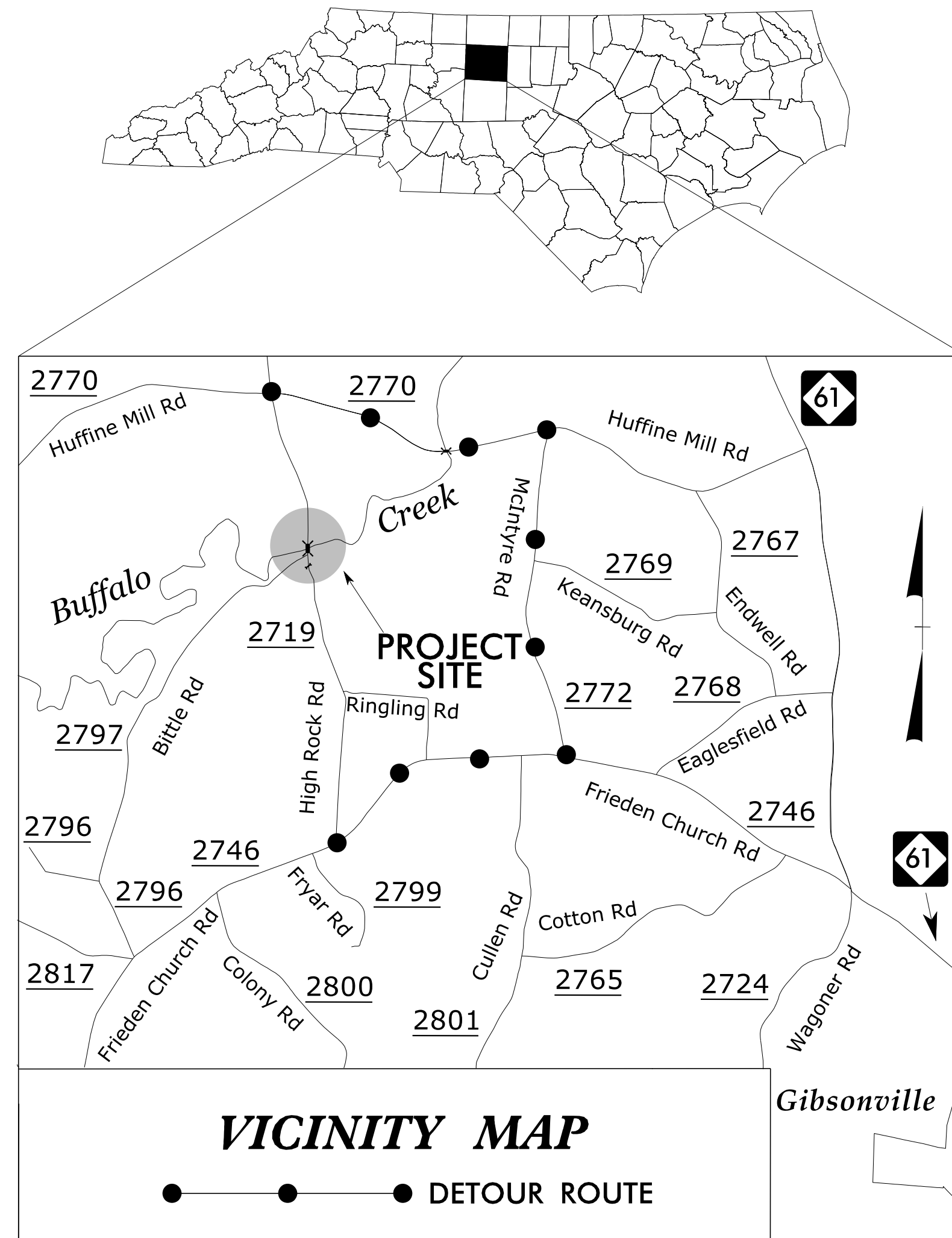
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STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

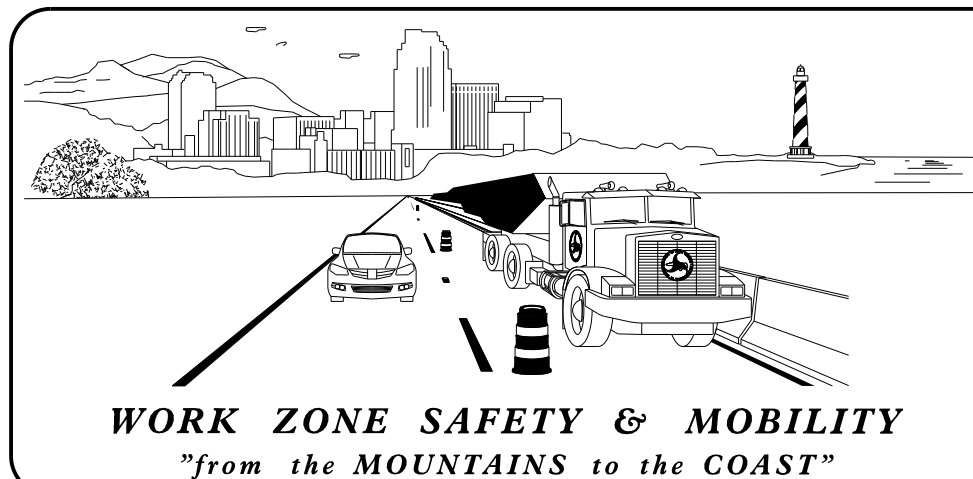
**TRANSPORTATION MANAGEMENT PLAN**

**GUILFORD COUNTY**



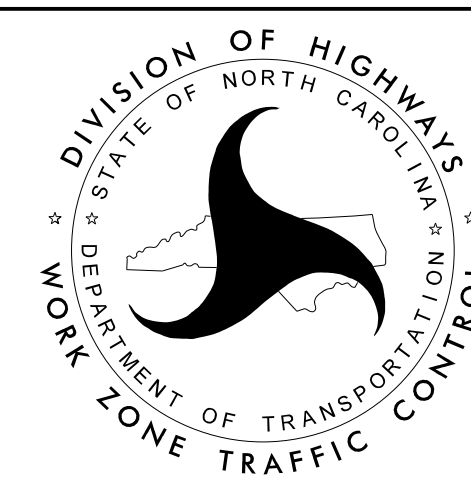
**LOCATION: BRIDGE NO. 193 OVER BUFFALO CREEK ON  
SR 2719 (HIGH ROCK ROAD)**

**TYPE OF WORK: GRADING, DRAINAGE, PAVING, AND STRUCTURE**



**N.C.D.O.T. WORK ZONE TRAFFIC CONTROL**  
1561 MAIL SERVICE CENTER (MSC) RALEIGH, NC 27699-1561  
750 N. GREENFIELD PARKWAY, GARNER, NC 27529 (DELIVERY)  
PHONE: (919) 773-2800 FAX: (919) 771-2745

J. S. BOURNE, P.E. — STATE TRAFFIC MANAGEMENT ENGINEER  
D. W. BISSETTE, P.E. — TRAFFIC CONTROL PROJECT ENGINEER  
MIKE STEELMAN — TRAFFIC CONTROL PROJECT DESIGN ENGINEER  
D. A. HAYES, E.I. — TRAFFIC CONTROL DESIGN ENGINEER



APPROVED: *David Bissette*  
DATE: 7/7/2015

SEAL

**INDEX OF SHEETS**

SHEET NO.	TITLE
TMP-01	TITLE SHEET, VICINITY MAP, AND INDEX OF SHEETS
TMP-01A	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS AND LEGEND
TMP-01B	TRANSPORTATION OPERATIONS PLAN: (MANAGEMENT STRATEGIES, GENERAL NOTES, LOCAL NOTES, AND PHASING)
TMP-02	SPECIAL SIGN DESIGN
TMP-03	OFF-SITE DETOUR
TMP-04	ROAD CLOSURE

SHEET NO.  
TMP-01

**B-4959**

**TIP PROJECT:**

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## ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS SHOWN IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2012 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1101.03	TEMPORARY ROAD CLOSURES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1145.01	BARRICADES

## LEGEND

### GENERAL

- DIRECTION OF TRAFFIC FLOW
- DIRECTION OF PEDESTRIAN TRAFFIC FLOW
- EXIST. PVMT.
- NORTH ARROW
- PROPOSED PVMT.
- TEMP. SHORING (LOCATION PURPOSES ONLY)

WORK AREA

REMOVAL

USER DEFINED (IF NEEDED)

USER DEFINED (IF NEEDED)

### SIGNALS

- EXISTING
- PROPOSED
- TEMPORARY

### PAVEMENT MARKINGS

- EXISTING LINES
- TEMPORARY LINES

### TRAFFIC CONTROL DEVICES

- BARRICADE (TYPE III)
- CONE
- DRUM    SKINNY DRUM    TUBULAR MARKER
- TEMPORARY CRASH CUSHION
- FLASHING ARROW BOARD
- FLAGGER
- LAW ENFORCEMENT
- TRUCK MOUNTED ATTENUATOR (TMA)
- CHANGEABLE MESSAGE SIGN

### TEMPORARY SIGNING

- PORTABLE SIGN
- STATIONARY SIGN
- STATIONARY OR PORTABLE SIGN

### PAVEMENT MARKERS

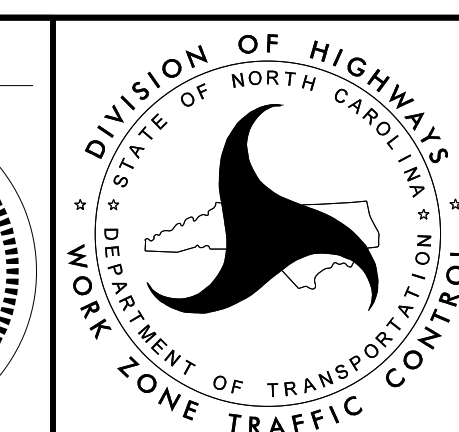
- CRYSTAL/CRYSTAL
- CRYSTAL/RED
- YELLOW/YELLOW

### PAVEMENT MARKING SYMBOLS

- PAVEMENT MARKING SYMBOLS

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APPROVED:   
DATE: 7/7/2015



ROADWAY STANDARD  
DRAWINGS & LEGEND



**MANAGEMENT STRATEGIES**

DURING CONSTRUCTION OF PROPOSED STRUCTURE BRIDGE #193, SR 2719 (HIGH ROCK RD) AND SR 2797 (BITTLE RD) WILL BE CLOSED AND WILL BE MAINTAINED USING AN OFFSITE DETOUR.

**LOCAL NOTES**

- 1) NOTIFY THE ENGINEER THIRTY (30) CALENDAR DAYS PRIOR TO ANY TRAFFIC PATTERN ALTERATION.
- 2) IN ORDER TO ALLOW EMERGENCY MANAGEMENT SERVICES (EMS) TIME TO PREPARE FOR ROAD CLOSURE, THE NCDOT RESIDENT ENGINEER WILL NOTIFY THE DIRECTOR OF THE GUILFORD COUNTY EMS AT (336) 641-2278 OF THE BRIDGE REMOVAL 30 DAYS PRIOR TO ROAD CLOSURE.
- 3) IN ORDER TO ALLOW GUILFORD COUNTY SCHOOLS TO PREPARE FOR ROAD CLOSURE, THE NCDOT RESIDENT ENGINEER WILL NOTIFY THE TRANSPORTATION DIRECTOR AT (336) 370-8920 OF THE BRIDGE REMOVAL 30 DAYS PRIOR TO ROAD CLOSURE.

**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 DIRECTED BY THE ENGINEER.

**SIGNING**


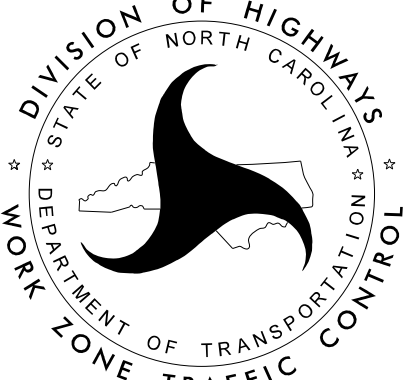
- A) PROVIDE SIGNING AND DEVICES REQUIRED TO CLOSE THE ROAD ACCORDING TO THE ROADWAY STANDARD DRAWINGS AND TRAFFIC CONTROL PLANS AND PROVIDE SIGNING REQUIRED FOR THE OFF-SITE DETOUR ROUTE AS SHOWN IN THE TRAFFIC CONTROL PLANS.
- B) COVER OR REMOVE ALL SIGNS AND DEVICES REQUIRED TO CLOSE THE ROAD WHEN ROAD CLOSURE IS NOT IN OPERATION AND COVER OR REMOVE ALL SIGNS REQUIRED FOR THE OFF-SITE DETOUR WHEN THE DETOUR IS NOT IN OPERATION.
- C) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.

**PHASING**

STEP 1) USING ROADWAY STANDARD DRAWING 1101.03, SHEET 1 OF 9, SHEETS TMP-2 AND TMP-3, CLOSE -L- SR 2719 (HIGH ROCK RD) AND -Y- SR 2797 (BITTLE RD) AND DETOUR TRAFFIC OFF-SITE.

ACCESS TO ALL RESIDENCES AND BUSINESSES WITHIN THE PROJECT LIMITS MUST BE MAINTAINED AT ALL TIMES.

- STEP 2) AWAY FROM TRAFFIC REMOVE THE EXISTING STRUCTURE.
- STEP 3) AWAY FROM TRAFFIC CONSTRUCT THE PROPOSED STRUCTURE AND ROADWAY UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE.
- STEP 4) AWAY FROM TRAFFIC PLACE THE FINAL LIFT OF SURFACE COURSE.
- STEP 5) AWAY FROM TRAFFIC PLACE THE FINAL PAVEMENT MARKINGS AND MARKERS (SEE FINAL PAVEMENT MARKING PLANS).
- STEP 6) REMOVE ALL WORK ZONE TRAFFIC CONTROL DEVICES AND SIGNING, AND OPEN SR 2719 (HIGH ROCK RD) TO TRAFFIC.

<p>APPROVED: <i>David Basette</i>  <small>DS4CE9F5AD58466</small></p> <p>DATE: 7/7/2015</p> 		<p><b>TRANSPORTATION OPERATION PLAN</b></p>
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SIGN NUMBER: WORKZONE  
 TYPE: STATIONARY  
 QUANTITY: SEE PLANS

SIGN WIDTH: 3'-0"  
 HEIGHT: 1'-6"  
 TOTAL AREA: 4.5 Sq.Ft.

BORDER TYPE: INSET  
 RECESS: 0.38"  
 WIDTH: 0.63"  
 RADII: 1.5"

NO. Z BARS:  
 LENGTH:

BACKG COLOR: Fluorescent Orange  
 COPY COLOR: Black

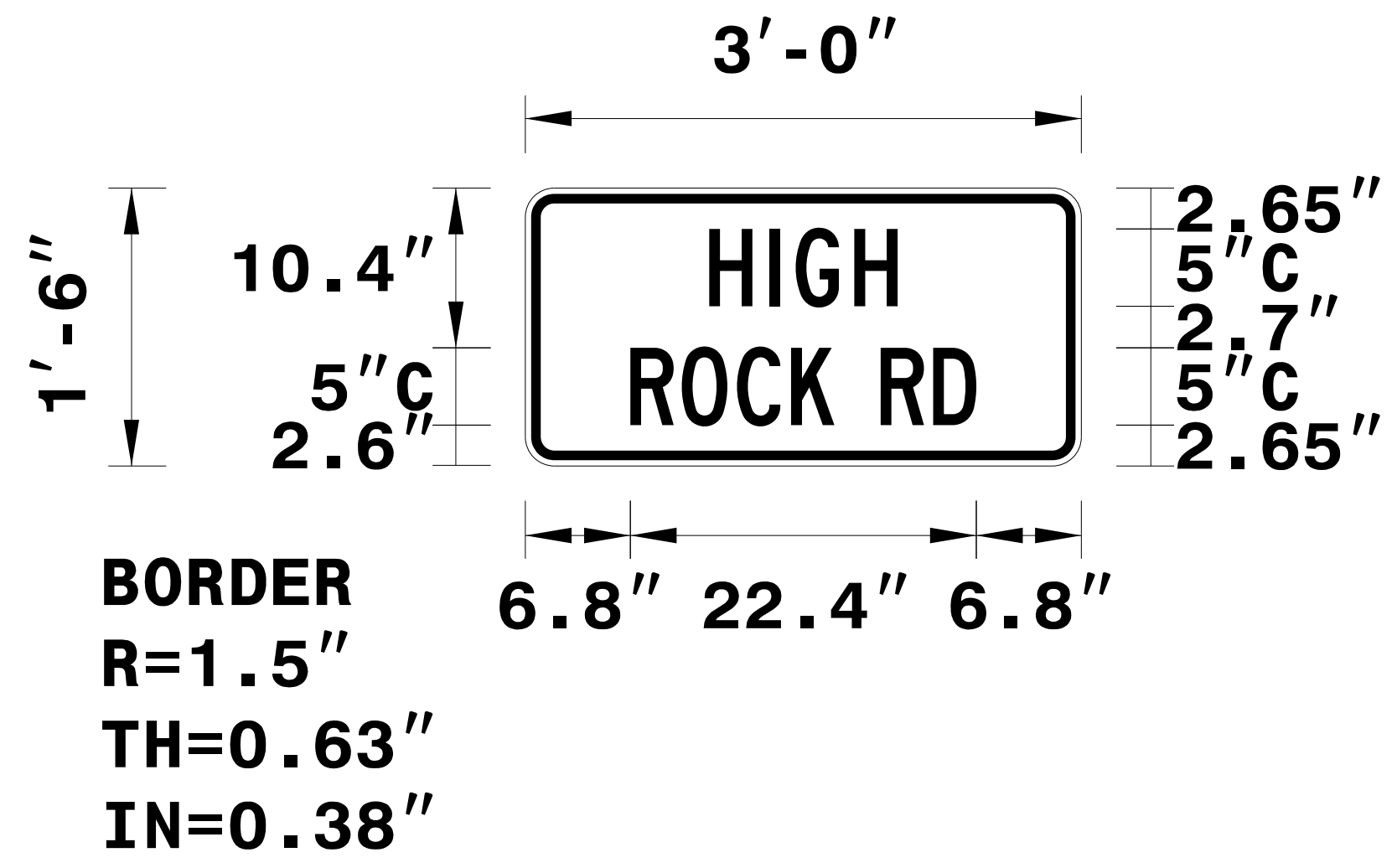
SYMBOL	X	Y	WID	HT

MAT'L: 0.080" (2.0 mm) ALUMINUM

DESIGN BY: S.JOHNS  
 PROJECT ID: B-4959

CHECKED BY: S.KUNZ  
 DIV: 5

DATE: Jul 08, 2014



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

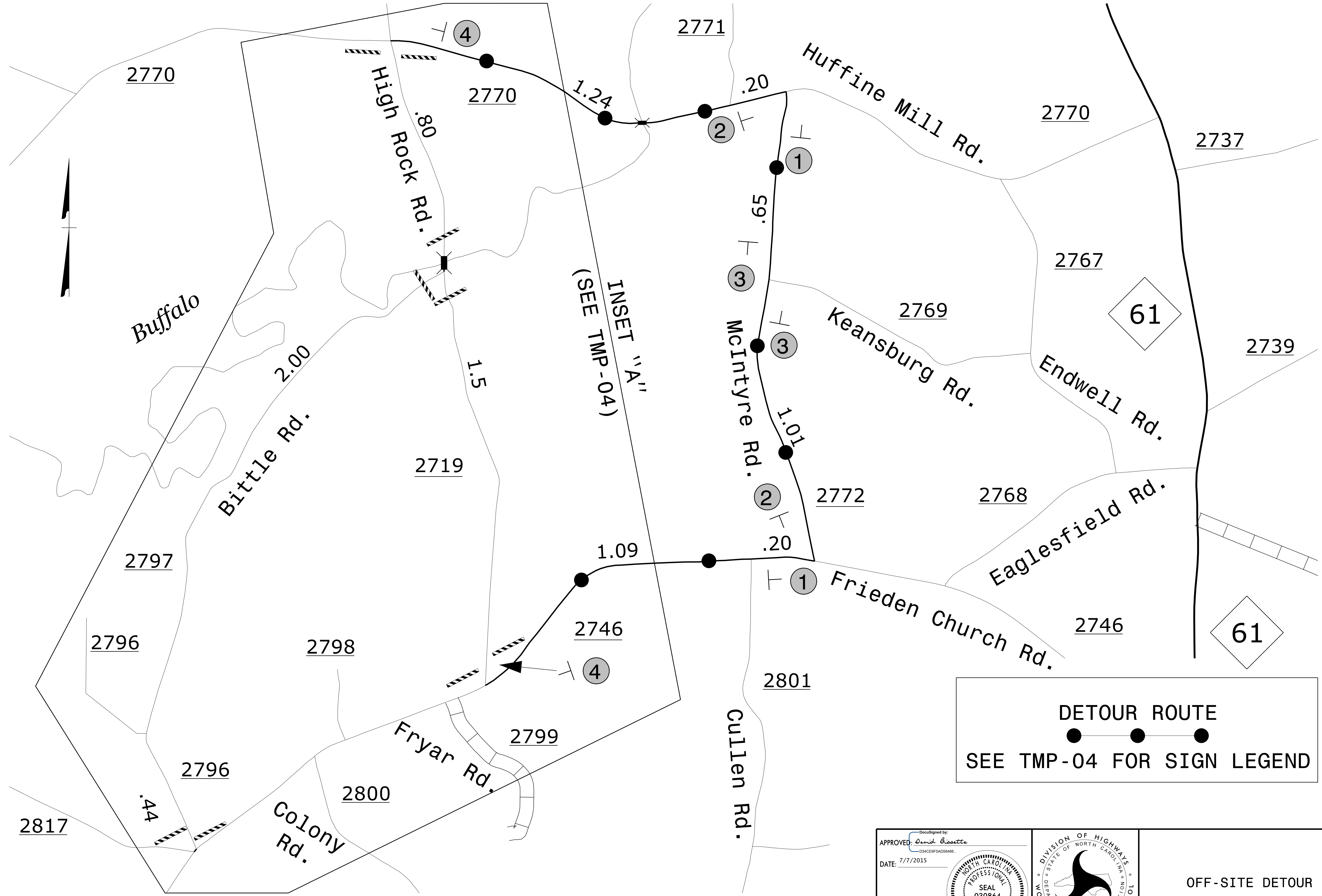
										Series/Size
										Text Length
	H	I	G	H						C 2000
11.9	3.9	1.7	3.8	2.8	11.9					12.2
	R	O	C	K		R	D			C 2000
6.8	3.3	3.6	3.5	2.8	3	3.4	2.8	6.8		22.4

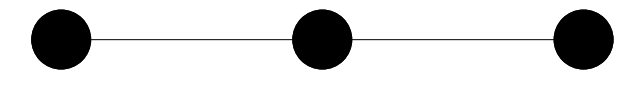
FILENAME: B-4959\_WZSgn Design

NORTH CAROLINA D.O.T. SIGN DETAIL


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 User:ahayes76

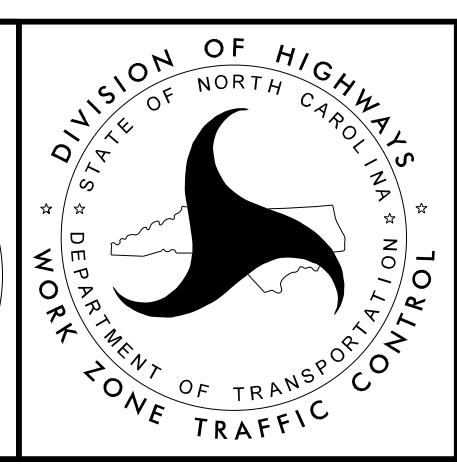
APPROVED: <i>Ron King</i> DATE: 7/7/2015 		SPECIAL SIGN DESIGN
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**DETOUR ROUTE**  
  
**SEE TMP-04 FOR SIGN LEGEND**

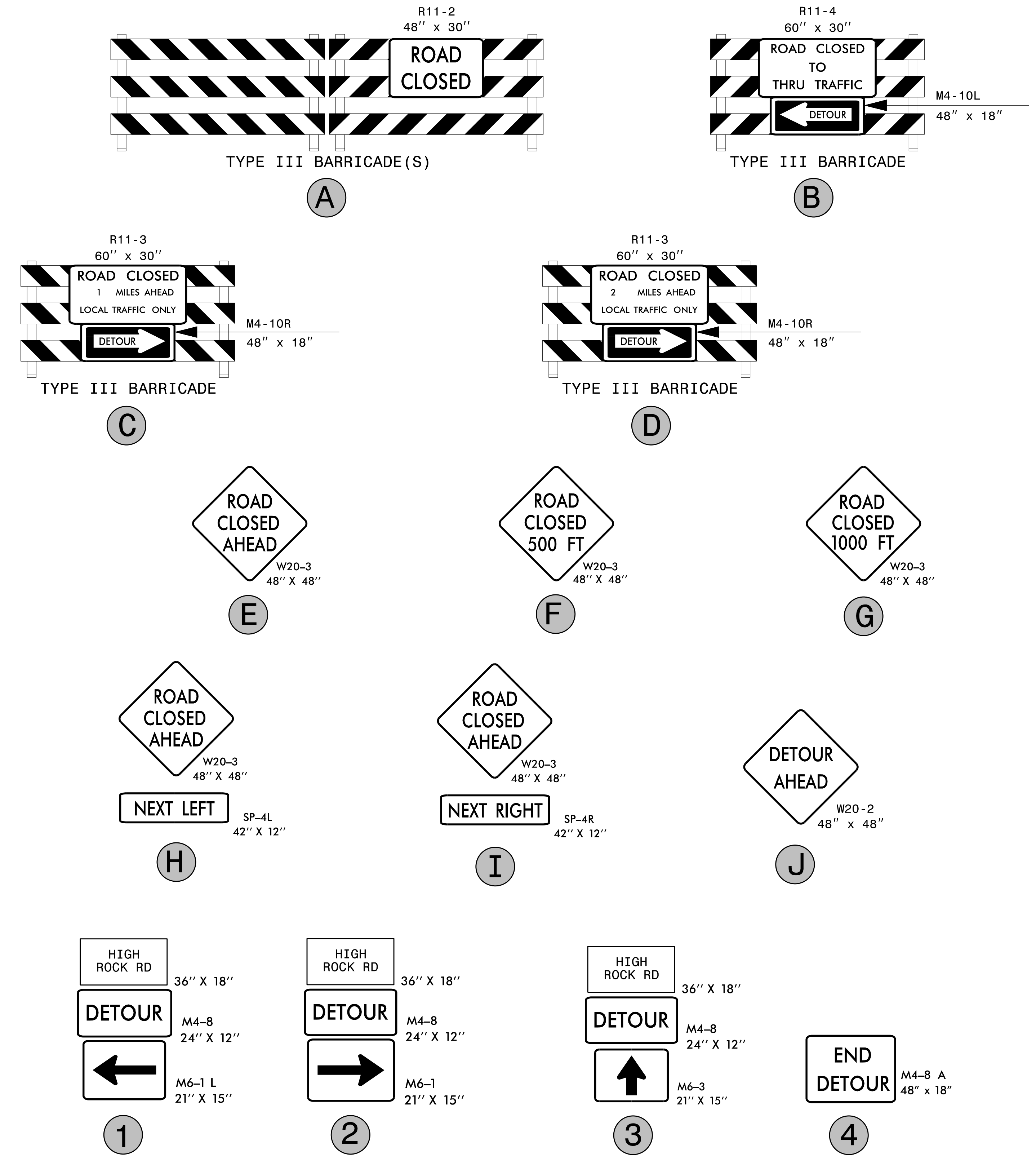
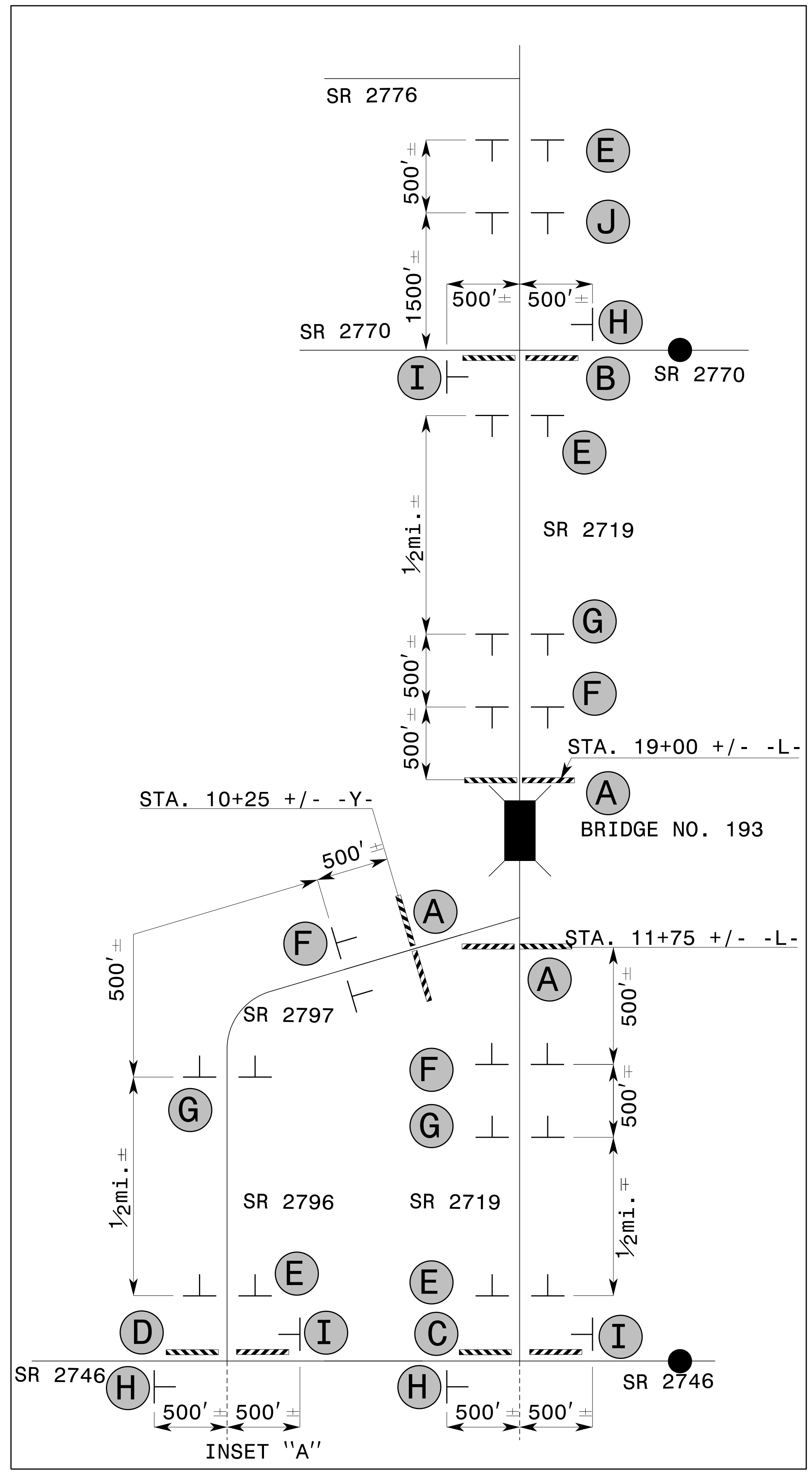
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 User:ahayes76

APPROVED: *David Basette*  
D34CE9F8AD58466  
 DATE: 7/7/2015  




**OFF-SITE DETOUR**





NOTES:  
 1. REFER TO ROADWAY STANDARD DRAWING 1101.03, SHEET 1 OF 9 FOR APPLICABLE NOTES.  
 2. SEE SHEET TMP-02 FOR THE SPECIAL SIGN DESIGN.  
 3. SEE SHEET TMP-03 FOR DETOUR SIGNS.  
 ALL DETOUR SIGN LOCATIONS ARE APPROXIMATE. COORDINATE WITH ENGINEER FOR SIGN LOCATIONS.

APPROVED: <i>David Bassette</i> DATE: 7/7/2015 		ROAD CLOSURE
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7/7/2015  
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 User:ahayes16