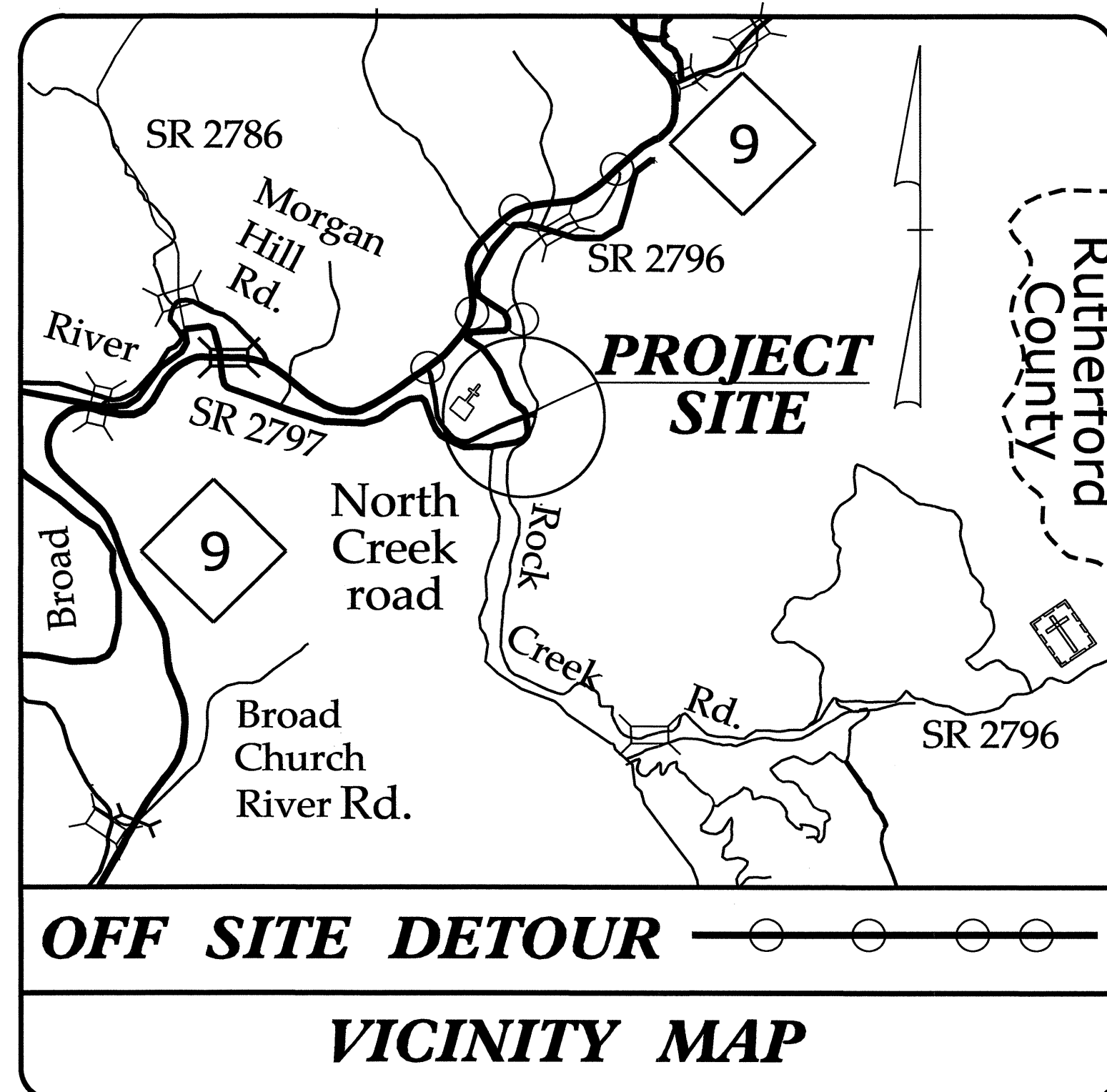


STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN

BUNCOMBE COUNTY



BRIDGE NO. 655 OVER BROAD RIVER ON
SR 2797 (BROAD RIVER VFD ROAD)

INDEX OF SHEETS

SHEET NO.	TITLE
TMP-1	TITLE SHEET; INDEX OF SHEETS; ROADWAY STANDARD DRAWINGS; AND LEGEND
TMP-1A	TRANSPORTATION OPERATIONS PLAN: (MANAGEMENT STRATEGIES, GENERAL NOTES AND LOCAL NOTES)
TMP-2	SPECIAL SIGN DESIGN
TMP-3	TEMPORARY TRAFFIC CONTROL DETAIL AND PHASING

**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:

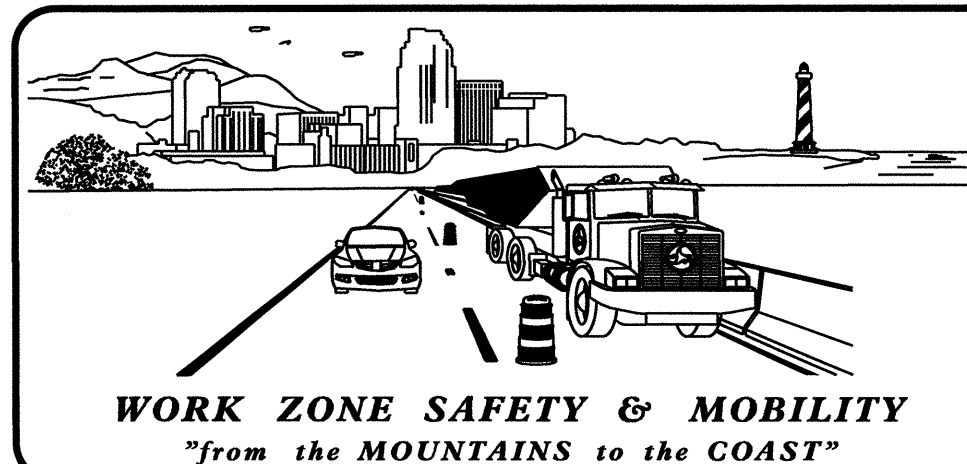
STD. NO.	TITLE
1101.03	TEMPORARY ROAD CLOSURES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1145.01	BARRICADES

LEGEND

- GENERAL**
- ➔ NORTH ARROW
- TRAFFIC CONTROL DEVICES**
- ▩ BARRICADE (TYPE III)
- TEMPORARY SIGNING**
- ⊥ STATIONARY SIGN

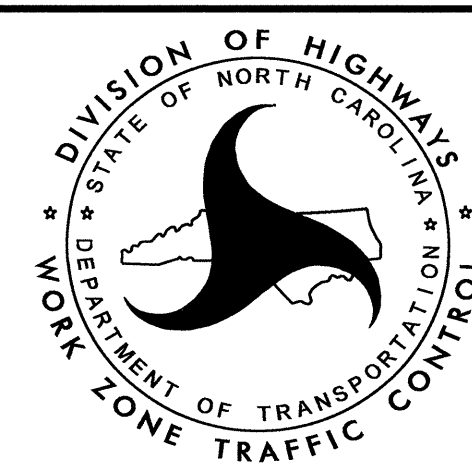
APPROVED: _____
DATE: 12/13/12

SEAL



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
G.L. GETTIER, P.E. TRAFFIC CONTROL PROJECT ENGINEER
J.W. WOOLARD, P.E. TRAFFIC CONTROL PROJECT DESIGN ENGINEER
DENA KLEIN TRAFFIC CONTROL DESIGN ENGINEER



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dklein AT 122600

SHEET NO.
TMP-1

B-4715

TIP PROJECT:

MANAGEMENT STRATEGIES

TRAFFIC WILL BE MAINTAINED OFFSITE DURING CONSTRUCTION. TRAFFIC WILL FOLLOW NC 9 AND SR 2796.

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.

TRAFFIC PATTERN ALTERATIONS

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

SIGNING

- B) INSTALL ADVANCE WORK ZONE WARNING SIGNS WHEN WORK IS WITHIN 40 FT FROM THE EDGE OF TRAVEL LANE AND NO MORE THAN THREE (3) DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.

- C) PROVIDE SIGNING AND DEVICES REQUIRED TO CLOSE THE ROAD ACCORDING TO THE ROADWAY STANDARD DRAWINGS AND TRAFFIC CONTROL PLANS.

PROVIDE SIGNING REQUIRED FOR THE OFF-SITE DETOUR ROUTE AS SHOWN IN THE TRAFFIC CONTROL PLANS.

- D) COVER OR REMOVE ALL SIGNS AND DEVICES REQUIRED TO CLOSE THE ROAD WHEN ROAD CLOSURE IS NOT IN OPERATION.

COVER OR REMOVE ALL SIGNS REQUIRED FOR THE OFF-SITE DETOUR WHEN THE DETOUR IS NOT IN OPERATION.

- E) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.

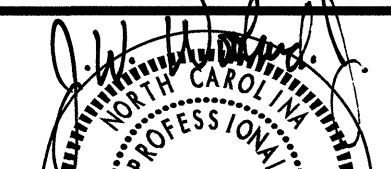
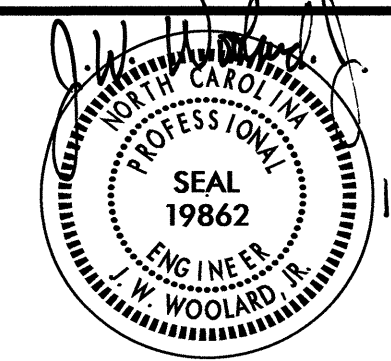
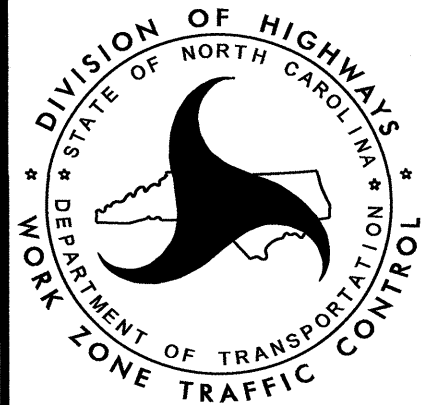
TRAFFIC CONTROL DEVICES

- 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 SHOWN IN THE FINAL PAVEMENT MARKING PLAN.
- H) TIE PROPOSED PAVEMENT MARKINGS LINES TO EXISTING PAVEMENT MARKING LINES.

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 dklein AT 122600

APPROVED:  SEAL 	DATE: 12/13/12	 <p>TRANSPORTATION OPERATIONS PLAN</p>
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SIGN NUMBER: SP12227 TYPE: STATIONARY QUANTITY: SEE PLANS SIGN WIDTH: 4'-0" HEIGHT: 2'-0" TOTAL AREA: 8.0 Sq.Ft. BORDER TYPE: INSET RECESS: 0.5" WIDTH: 0.5" RADII: 3" NO. Z BARS: LENGTH:	BACKG COLOR: Fluorescent Orange COPY COLOR: Black SYMBOL	DESIGN BY: DHB PROJECT ID: B-4715	CHECKED BY: KLJ DIV: 13	DATE: Jun 14, 2012
---	--	--------------------------------------	----------------------------	--------------------

SYMBOL	X	Y	WID	HT

MAT'L: 0.080" (2.0 mm) ALUMINUM

USE NOTES: 1,2

- Legend and border shall be direct applied black non-reflective sheeting.
- Background shall be NC GRADE B fluorescent orange retroreflective sheeting.

BORDER R=3" TH=0.5" IN=0.5"

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

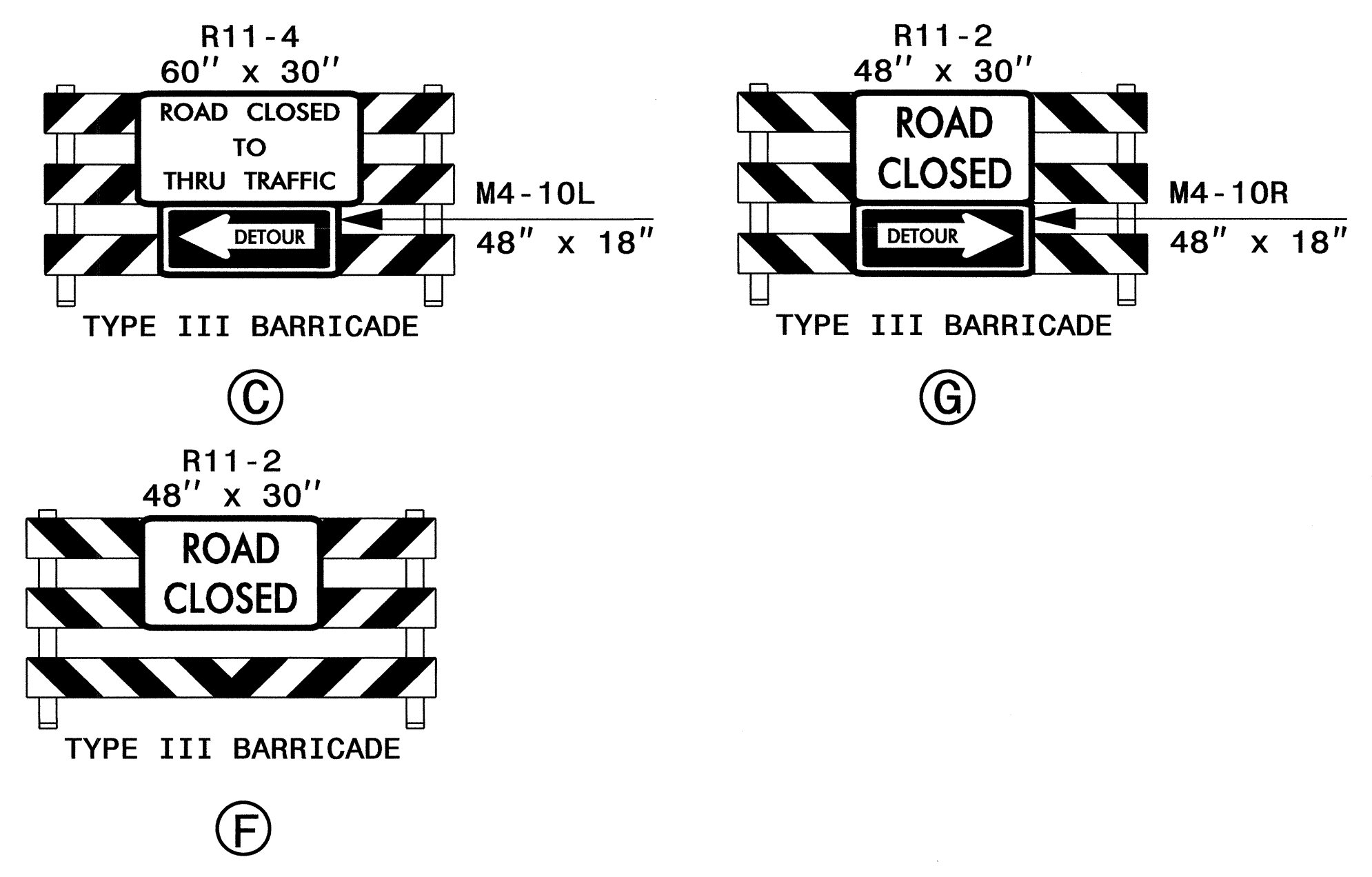
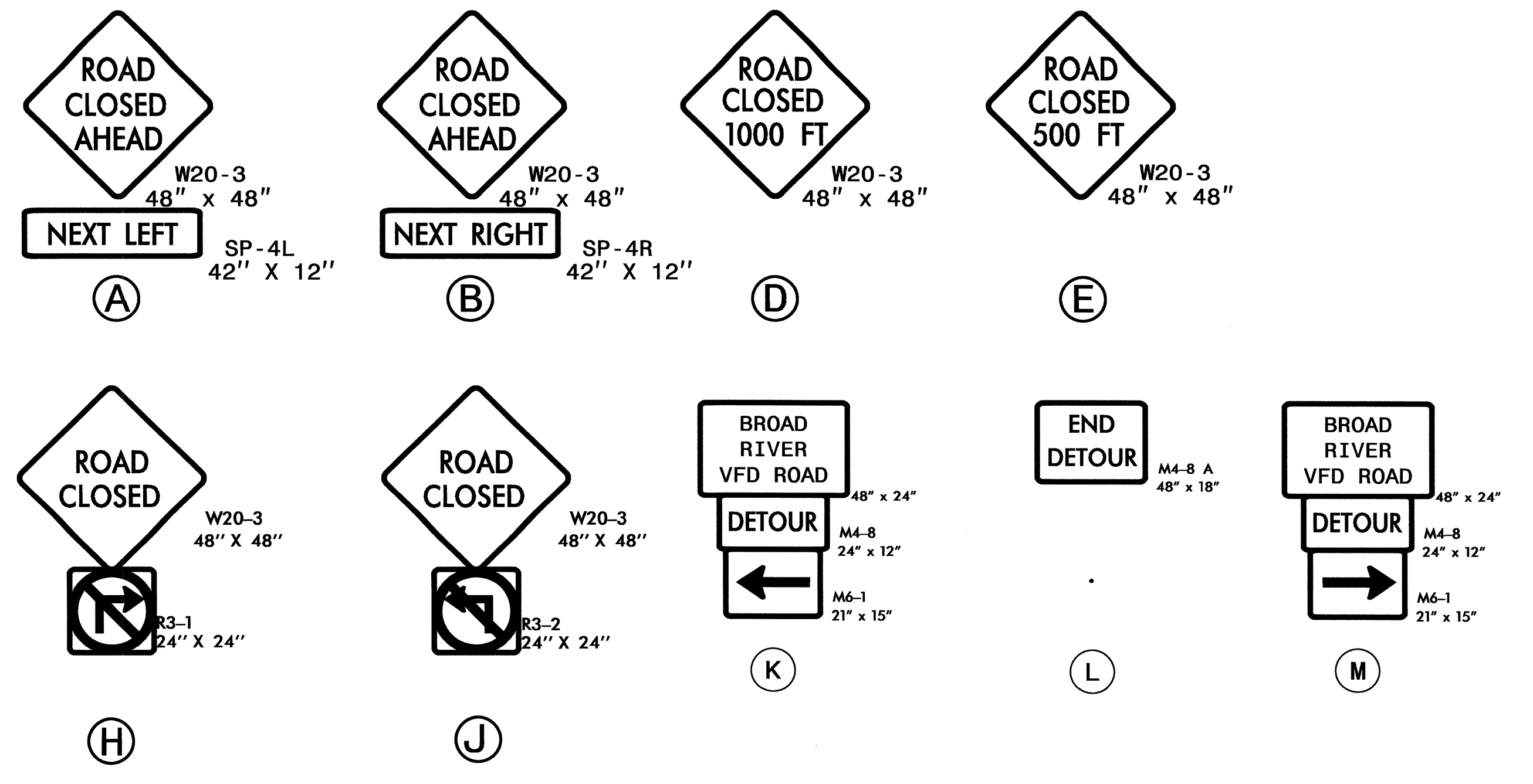
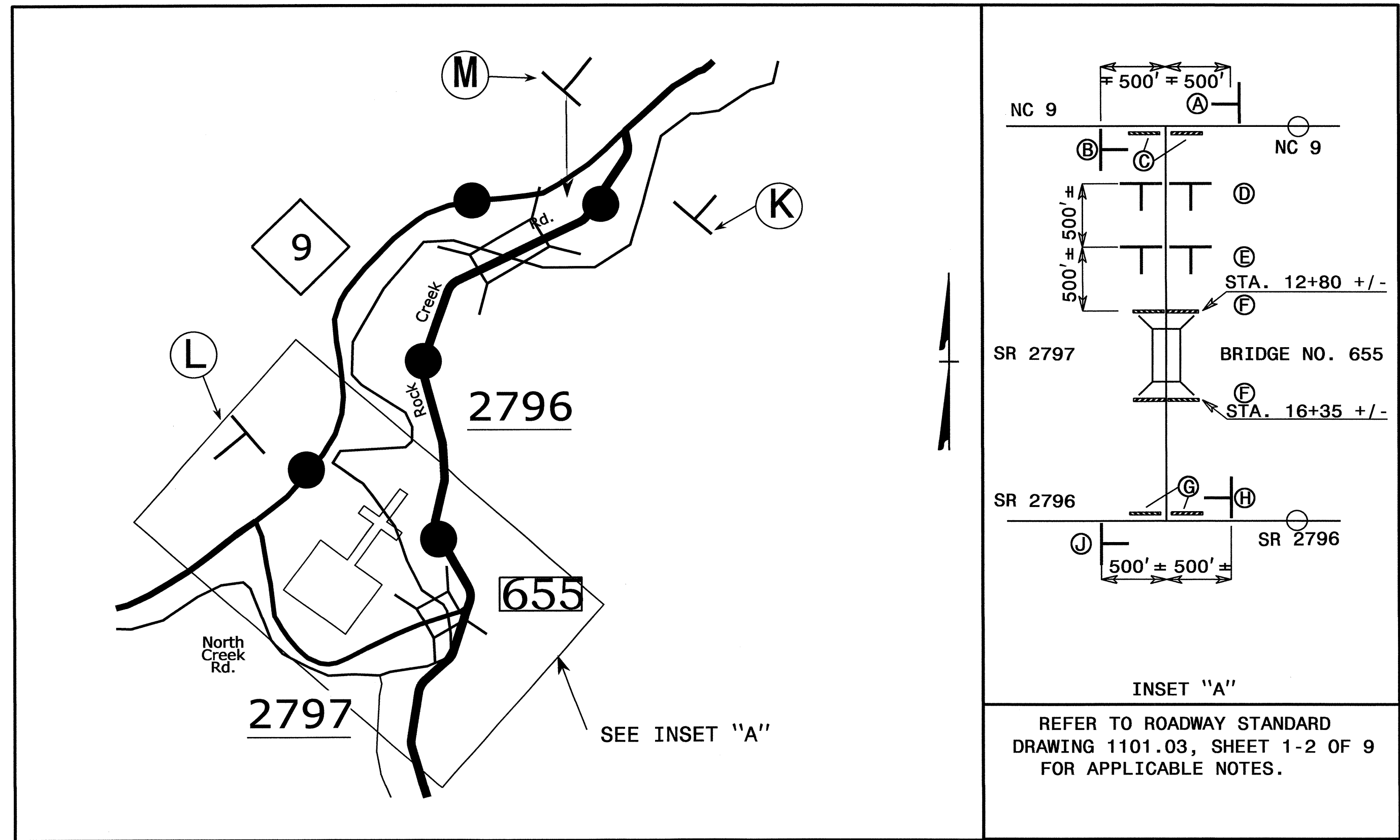
Letter spacings are to start of next letter

	B	R	O	A	D		R	I	V	E	R											Series/Size Text Length	
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		V	F	D		R	O	A	D														C 2000 28.7
	9.7	3.8	3.3	2.8	5	3.6	3.5	3.9	2.8	9.7													

FILENAME: B-4715_Sgn_SGN_designs NORTH CAROLINA D.O.T. SIGN DETAIL

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 dcklein AT 1E26600

APPROVED:	DATE: 2/11/12	SIGN DETAIL	
SCALE: NONE	DATE: 6/12		REVISIONS
DWG. BY: DHB	DESIGN BY: DHB		
REVIEWED BY: KLJ			



PHASING

- STEP 1) INSTALL ALL OFFSITE DETOUR SIGNS AND ROAD CLOSURE SIGNING AS SHOWN ON (TMP-03) NO MORE THAN 3 DAYS PRIOR TO ROAD CLOSURE. IF ROAD IS NOT CLOSED WITHIN THE SAME WORKING PERIOD AS SIGN INSTALLATION, COVER ALL SIGNING.
- STEP 2) UNCOVER SIGNING IF NEEDED. THEN USING TMP-03 DETOUR TRAFFIC OFFSITE AND CLOSE -L- (SR 2797 BROAD RIVER VFD RD). BEHIND ROAD CLOSURE, CONSTRUCT -L- UP TO BUT NOT INCLUDING THE FINAL LIFT OF SURFACE COURSE.
- STEP 3) PLACE THE FINAL LIFT OF SURFACE COURSE ON -L- (SR 2792 BROAD RIVER VFD RD) AND RESURFACE -EY- (SR 2796 ROCK CREEK ROAD), USING RSD 1101.02 (SHEET 1 OF 15). PLACE FINAL PAVEMENT MARKINGS AND MARKERS (SEE PAVEMENT MARKING PLAN).
- STEP 4) REMOVE ALL TRAFFIC CONTROL DEVICES, ROAD CLOSURE SIGNING, AND OPEN -L- TO TRAFFIC. REMOVE ALL OFFSITE DETOUR SIGNING.

APPROVED: _____ DATE: 12/13/12			<h2>OFFSITE DETOUR AND PHASING</h2>
SEAL			

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