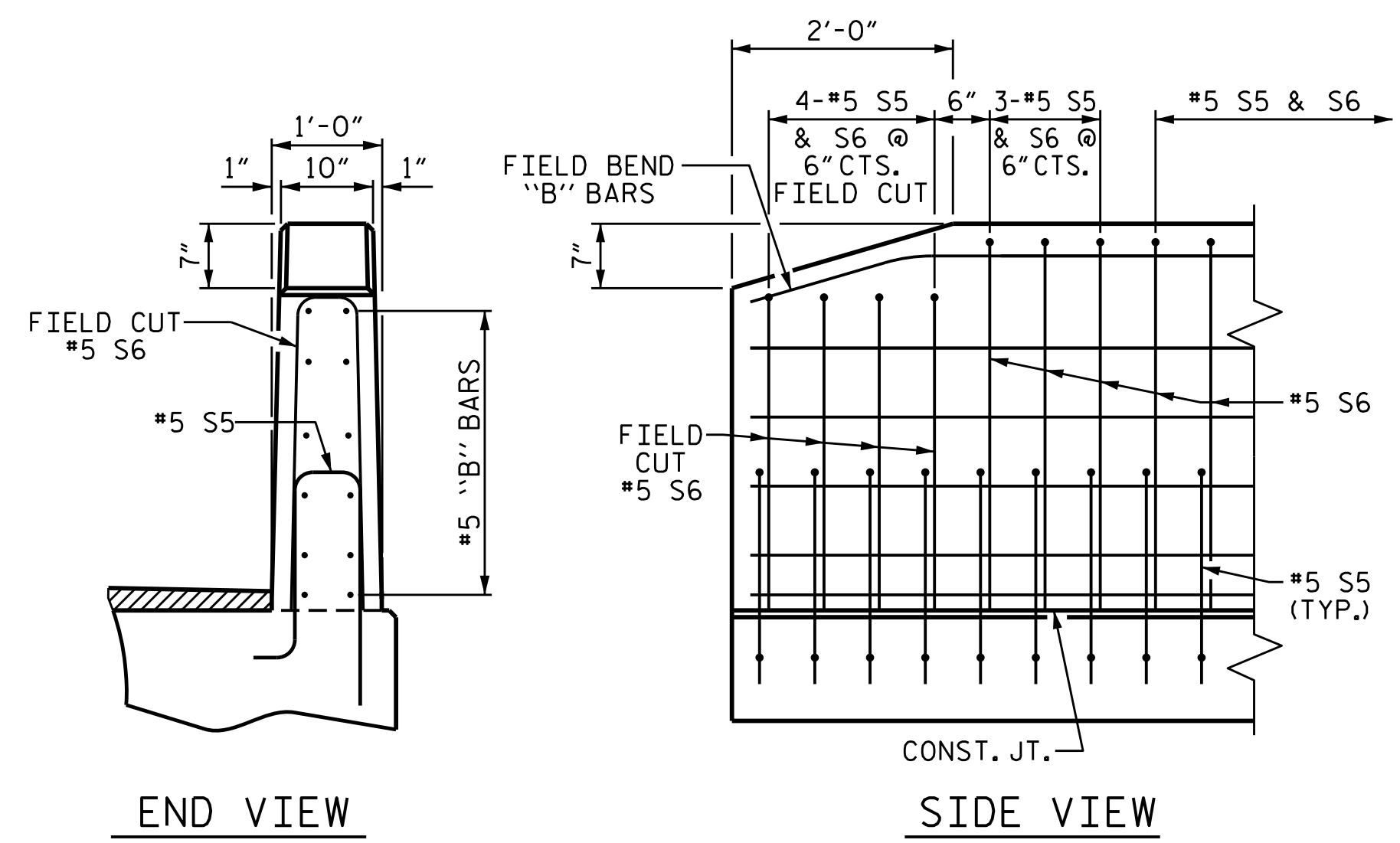
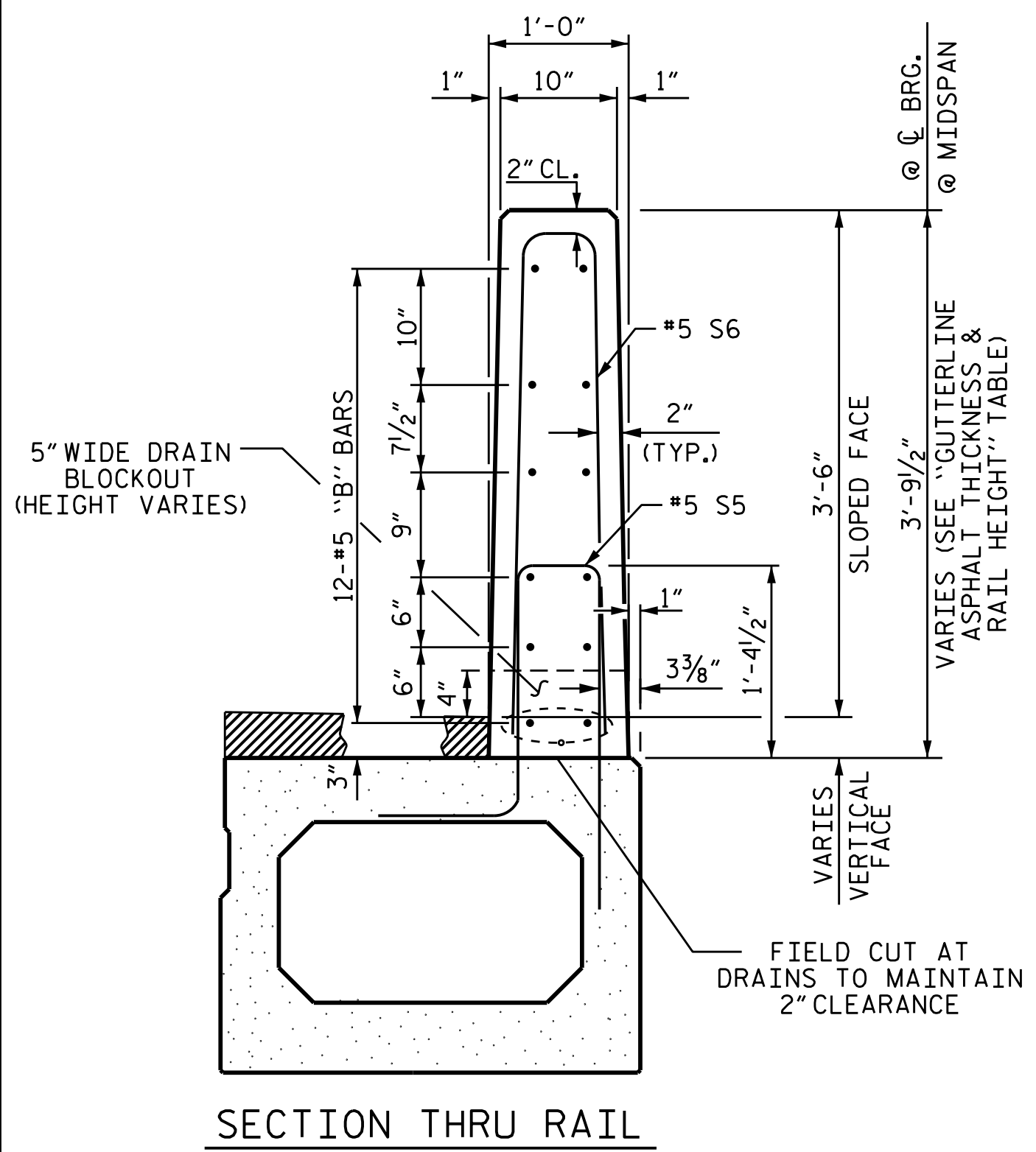
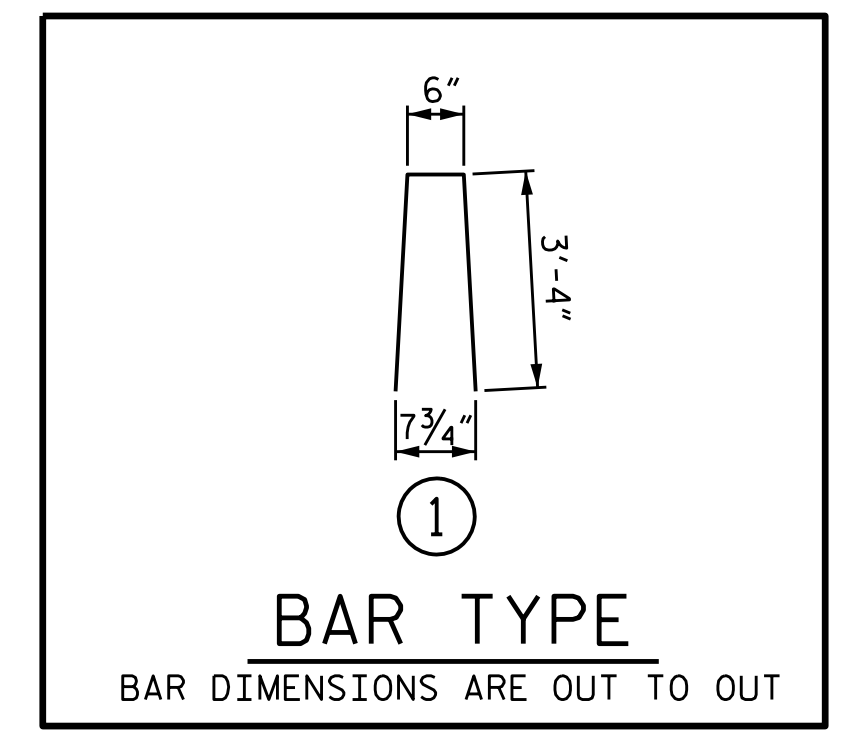


ELASTOMERIC BEARING DETAILS
 ELASTOMER IN ALL BEARINGS SHALL BE 60 DUROMETER HARDNESS.

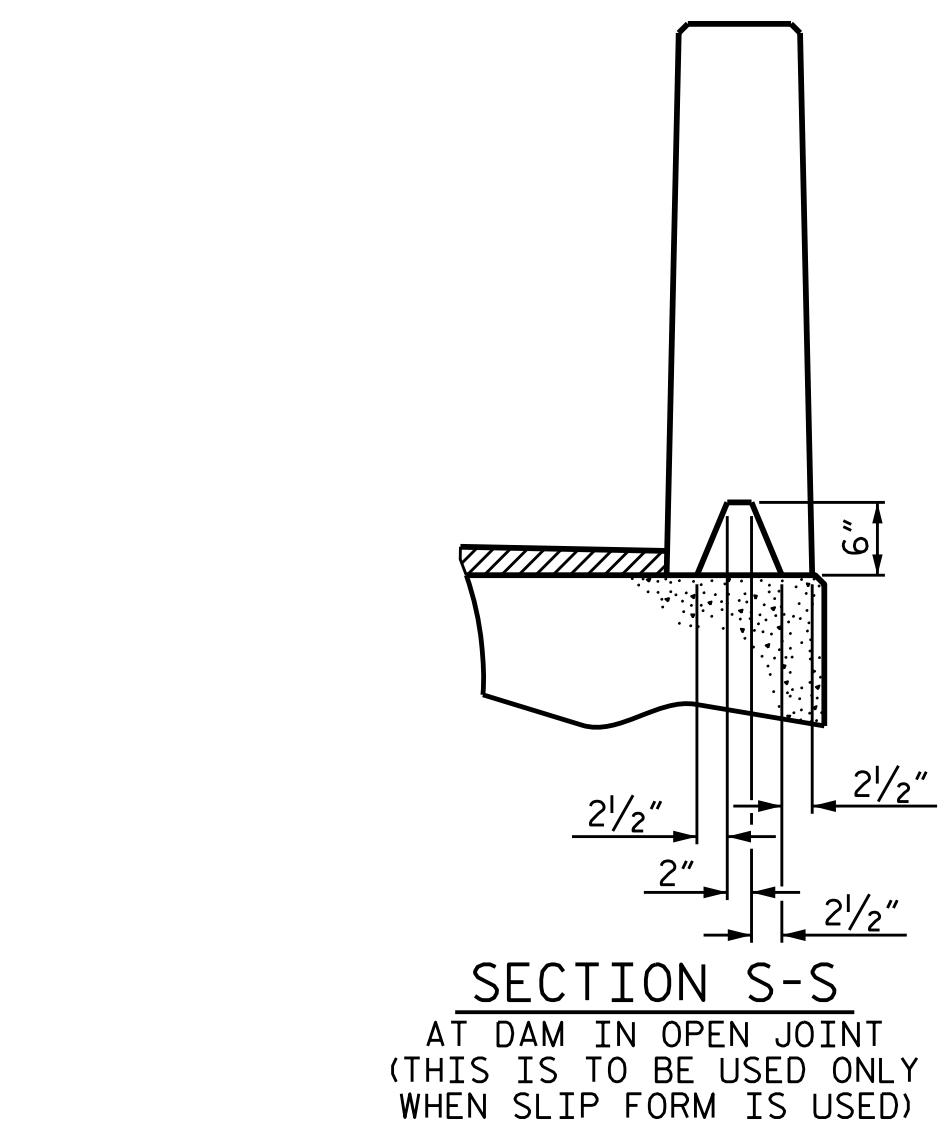


END OF RAIL DETAILS

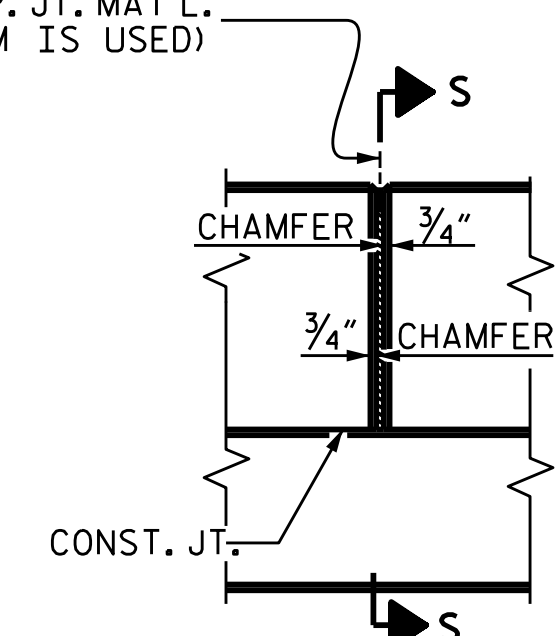
BOX BEAM UNITS REQUIRED			
	NUMBER	LENGTH	TOTAL LENGTH
EXTERIOR B.B.	2	102'-9"	205'-6"
INTERIOR B.B.	7	102'-9"	719'-3"
TOTAL	9		924'-9"



SECTION THRU RAIL



SECTION S-S AT DAM IN OPEN JOINT
 (THIS IS TO BE USED ONLY WHEN SLIP FORM IS USED)
 @ 1/2" EXP. JT. MAT'L HELD IN PLACE WITH GALVANIZED NAILS.
 (NOTE: OMIT EXP. JT. MAT'L. WHEN SLIP FORM IS USED)

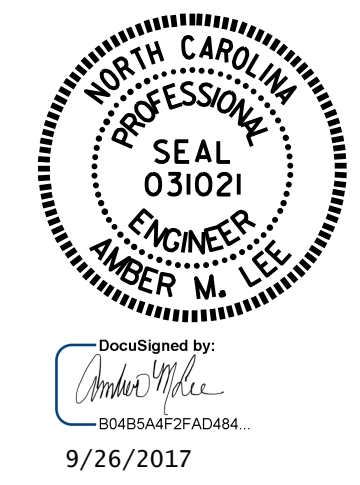


ELEVATION AT EXPANSION JOINTS

BILL OF MATERIAL FOR VERTICAL CONCRETE BARRIER RAIL					
BAR	BARS PER PAIR OF EXTERIOR UNITS	SIZE	TYPE	LENGTH	WEIGHT
102'-9" UNIT					
*B12	96	#5	STR	25'-4"	2537
*S6	286	#5	1	7'-2"	2138
*EPOXY COATED REINFORCING STEEL				LBS.	4675
CLASS AA CONCRETE				CU.YDS.	26.5
TOTAL VERTICAL CONCRETE BARRIER RAIL				LN. FT.	205.5

GUTTERLINE ASPHALT THICKNESS & RAIL HEIGHT		
	ASPHALT OVERLAY THICKNESS @ MID-SPAN	RAIL HEIGHT @ MID-SPAN
102'-9" UNITS	2 3/4"	3'-8 3/4"

PROJECT NO. B-4978
WILKES COUNTY
 STATION: 12+36.12 -L-
 SHEET 4 OF 4



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 3'-0" X 3'-3"
 PRESTRESSED CONCRETE
 BOX BEAM UNIT

DRAWN BY : B. A. DUKE DATE : 10-24-16
 CHECKED BY : G. KOUCHEKI DATE : 11-17-16
 DESIGN ENGINEER OF RECORD: D. SHACKLEFORD DATE : 12-2016

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-9
1			3			TOTAL SHEETS 19
2			4			