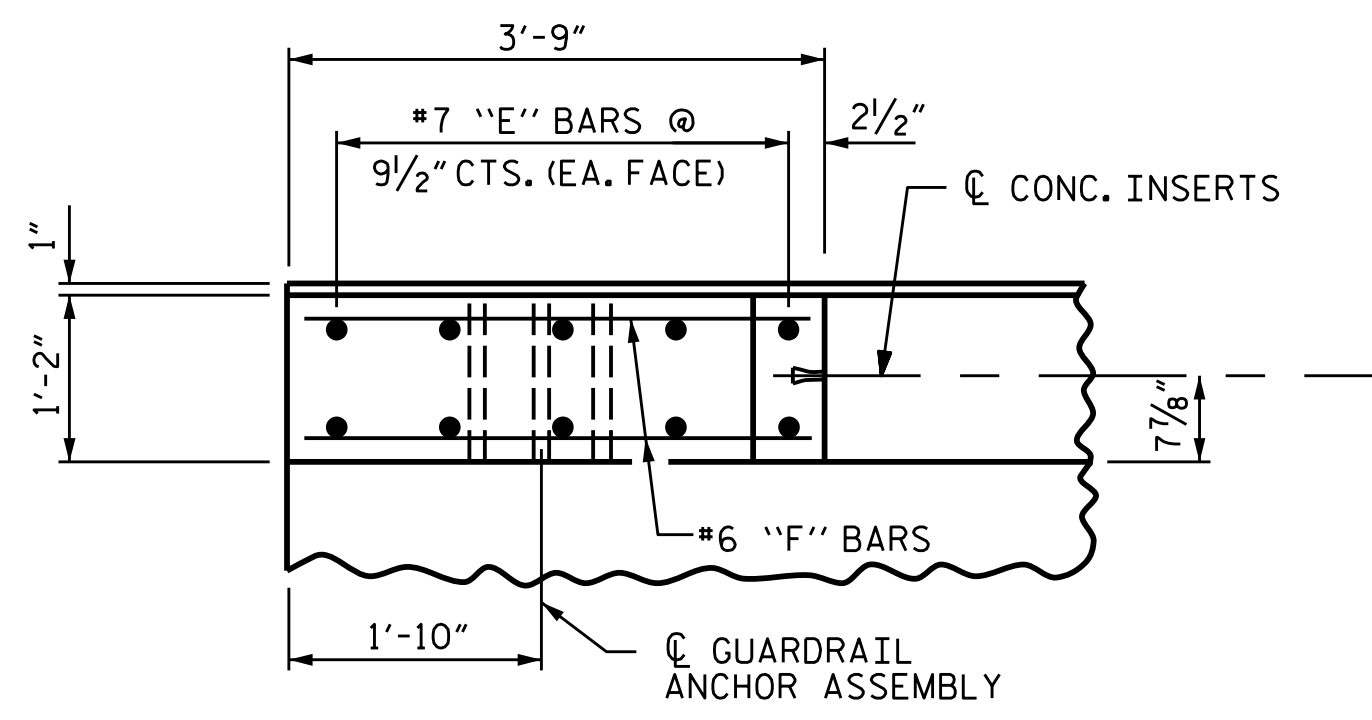
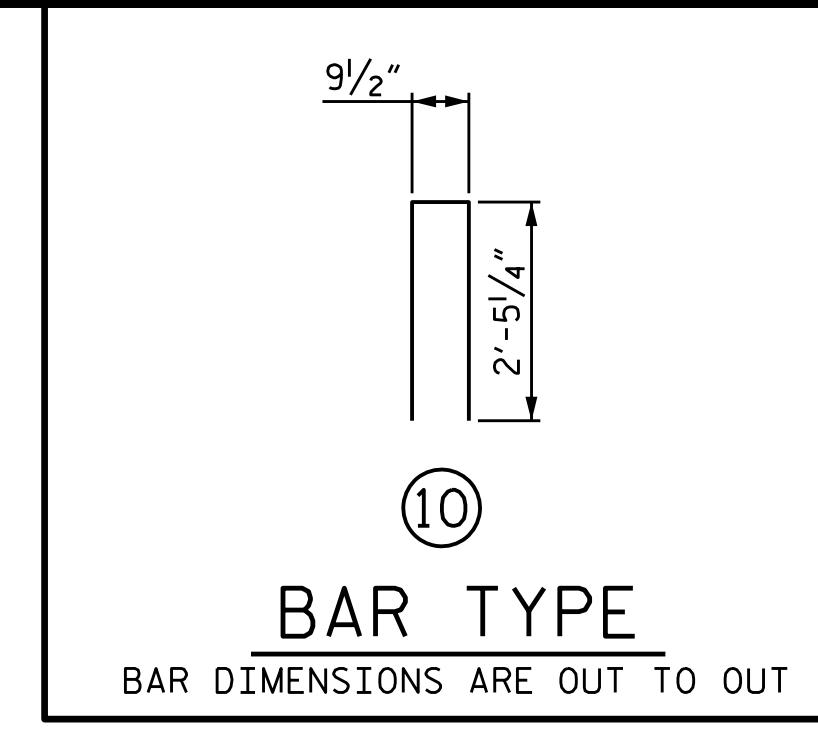


PLAN OF PARAPET

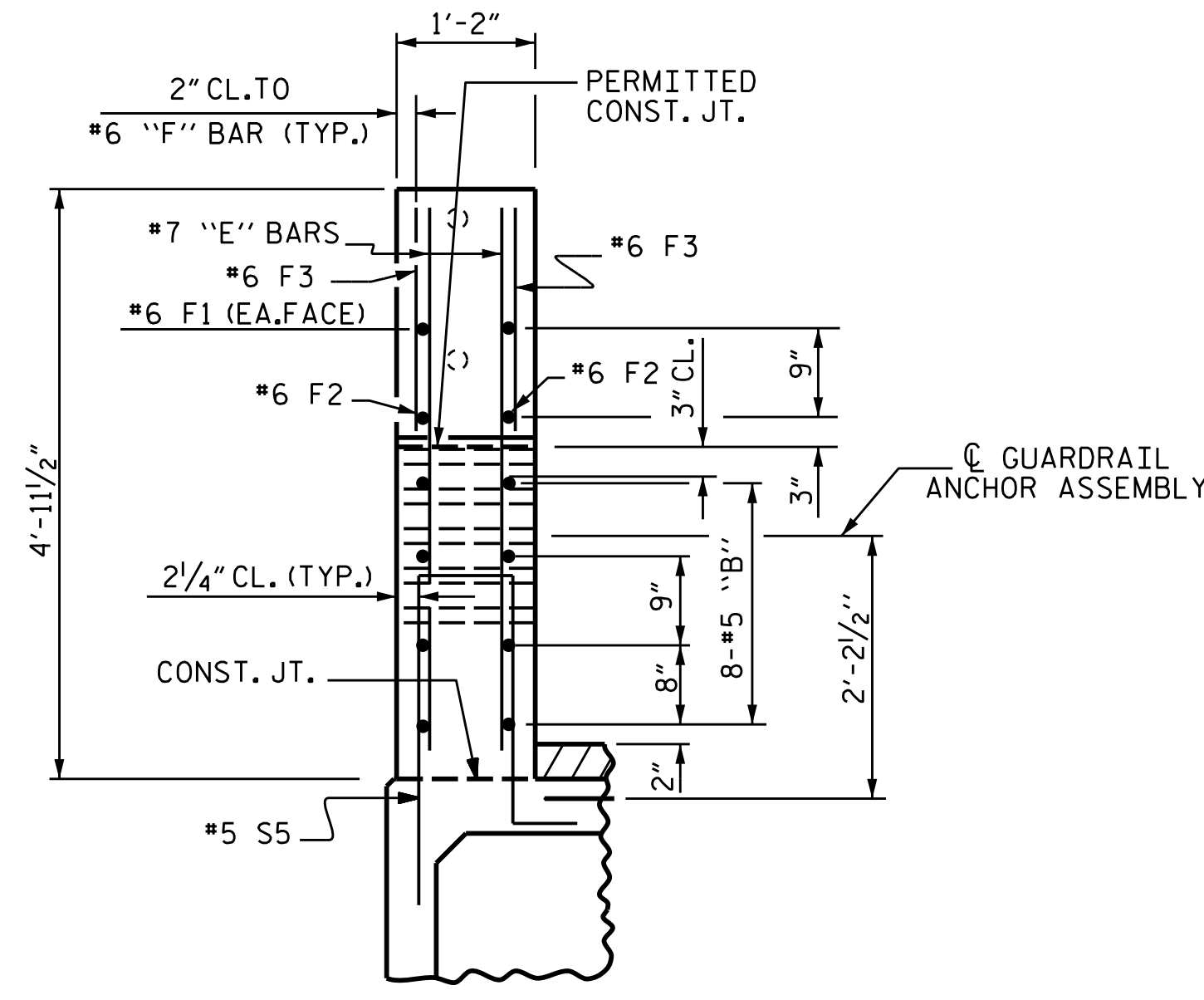


PLAN OF END POST

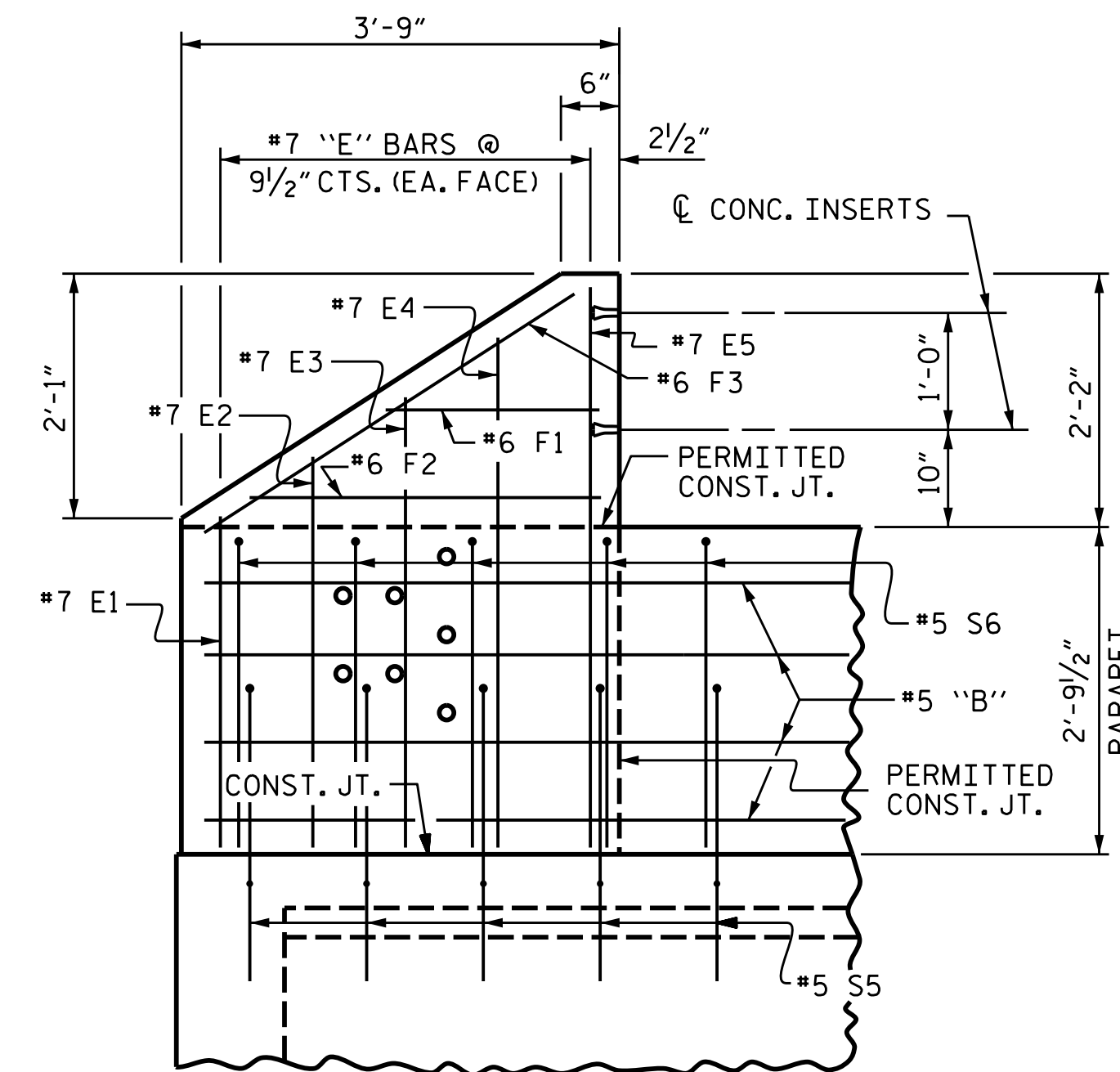


BAR TYPE  
BAR DIMENSIONS ARE OUT TO OUT

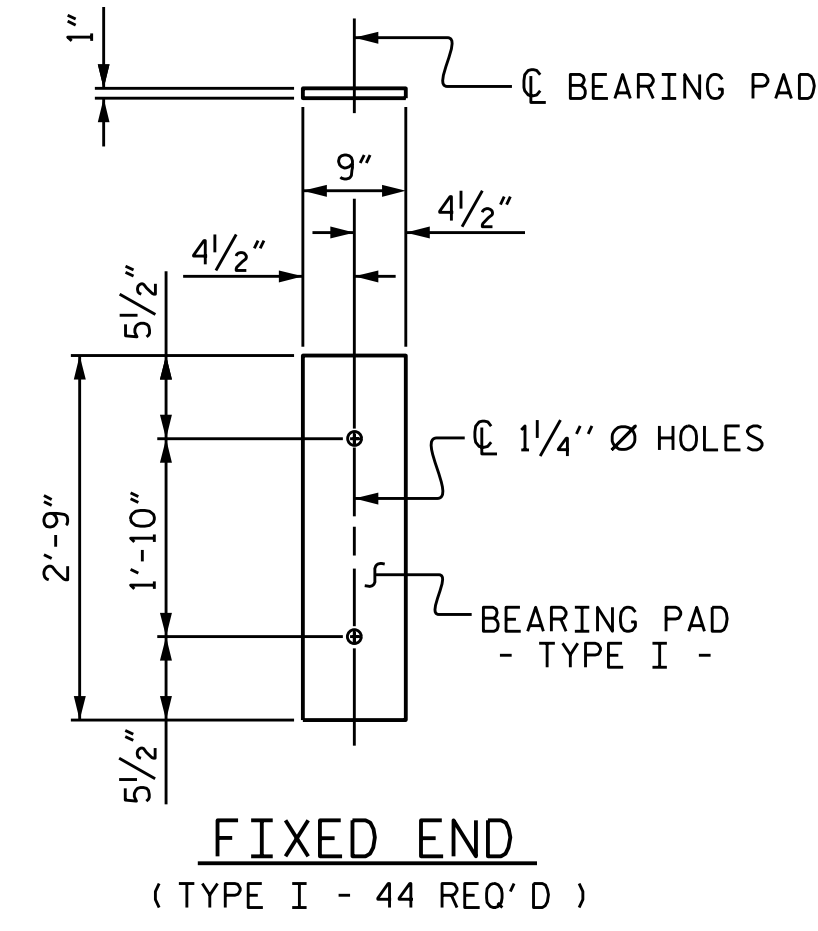
BILL OF MATERIAL FOR PARAPET & END POSTS								
BAR	BARS PER SPAN		TOTAL NO.	SIZE	TYPE	LENGTH	WEIGHT	
	SPAN A	SPAN B						
*B10	64		64	#5	STR	22'-1"	1474	
*B12		64	64	#5	STR	24'-6"	1635	
*E1	4	4	8	#7	STR	2'-10"	46	
*E2	4	4	8	#7	STR	3'-4"	55	
*E3	4	4	8	#7	STR	3'-10"	63	
*E4	4	4	8	#7	STR	4'-4"	71	
*E5	4	4	8	#7	STR	4'-8"	76	
*F1	4	4	8	#6	STR	1'-10"	22	
*F2	4	4	8	#6	STR	3'-0"	36	
*F3	4	4	8	#6	STR	3'-4"	40	
*S6	240	266	506	#5	10	5'-8"	2991	
* EPOXY COATED REINFORCING STEEL							LBS.	6509
CLASS AA CONCRETE							CU.YDS.	45.9
TOTAL LIN. FT. OF 1'-2" X 2'-9 1/2" CONCRETE PARAPET								380.25



END VIEW



ELEVATION



FIXED END  
(TYPE I - 44 REQ'D)  
ELASTOMERIC BEARING DETAILS  
ELASTOMER IN ALL BEARINGS SHALL BE 60 DUROMETER HARDNESS.

BOX BEAM UNITS REQUIRED			
SPAN A	NUMBER	LENGTH	TOTAL LENGTH
EXTERIOR B.B.	2	90'-0"	180'-0"
INTERIOR B.B.	9	90'-0"	810'-0"
TOTAL	11		990'-0"
SPAN B	NUMBER	LENGTH	TOTAL LENGTH
EXTERIOR B.B.	2	100'-0"	200'-0"
INTERIOR B.B.	9	100'-0"	900'-0"
TOTAL	11		1100'-0"

GUTTERLINE ASPHALT THICKNESS & PARAPET HEIGHT		
	ASPHALT OVERLAY THICKNESS @ MID-SPAN	PARAPET HEIGHT @ MID-SPAN
90' UNITS	2 1/8"	2'-8 1/8"
100' UNITS	2 3/8"	2'-8 3/8"

NOTES

FOR DETAILS OF CONCRETE INSERT AND GUARDRAIL ANCHOR ASSEMBLY, SEE "RAIL POST SPACINGS AND END OF RAIL DETAILS" SHEETS.  
ALL REINFORCING STEEL IN CONCRETE PARAPET SHALL BE EPOXY COATED.  
THE REINFORCING STEEL & CONCRETE IN THE END POSTS ARE INCLUDED IN THE UNIT PRICE BID FOR THE CONCRETE PARAPET.

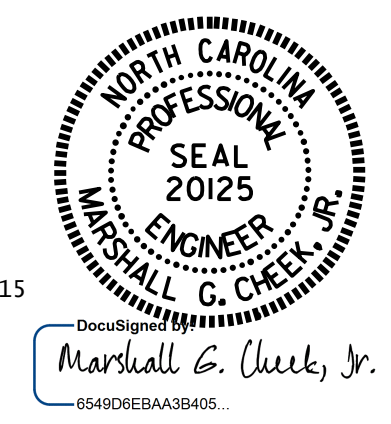
PROJECT NO. B-5341  
ROCKINGHAM COUNTY  
STATION: 16+43.00 -L-

SHEET 1 OF 1

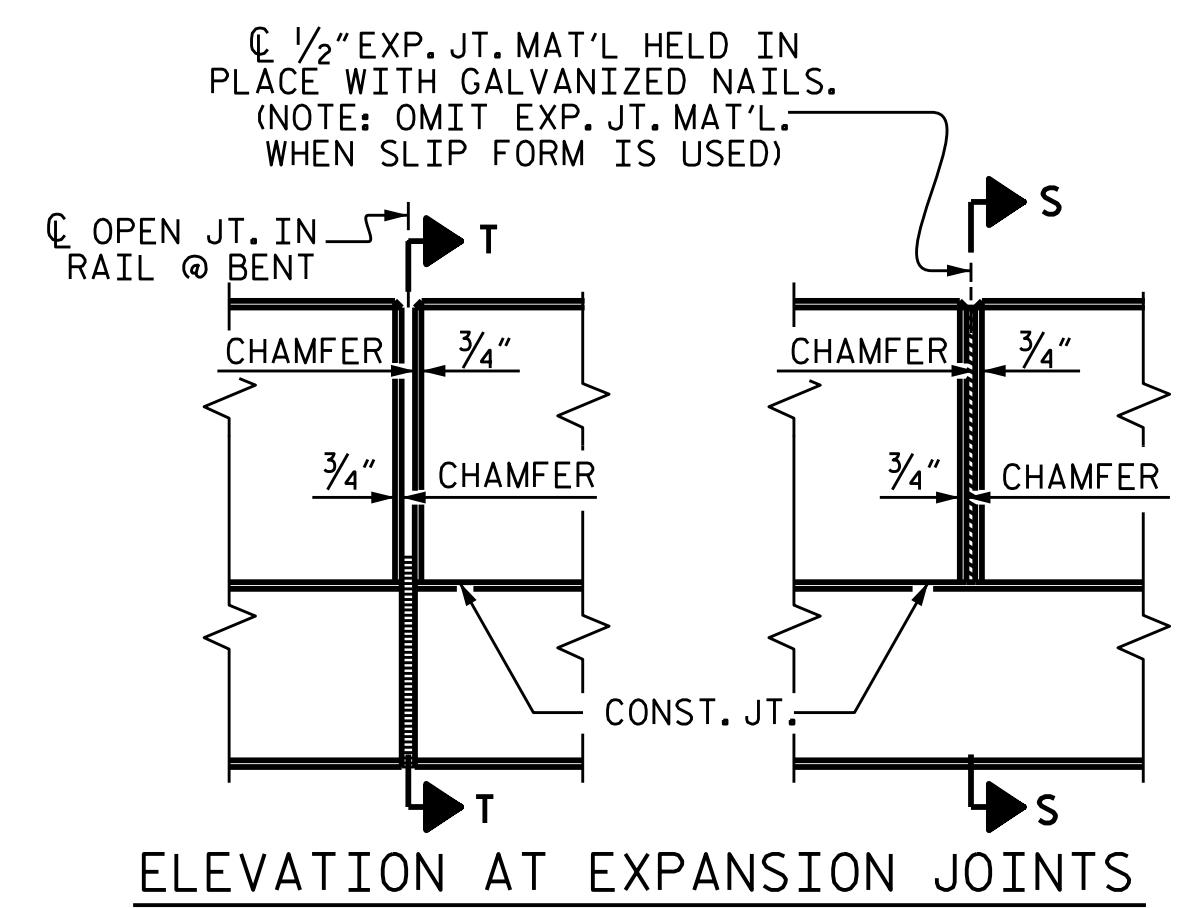
STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

3'-0" X 3'-3"  
PRESTRESSED CONCRETE  
BOX BEAM UNIT  
DETAILS

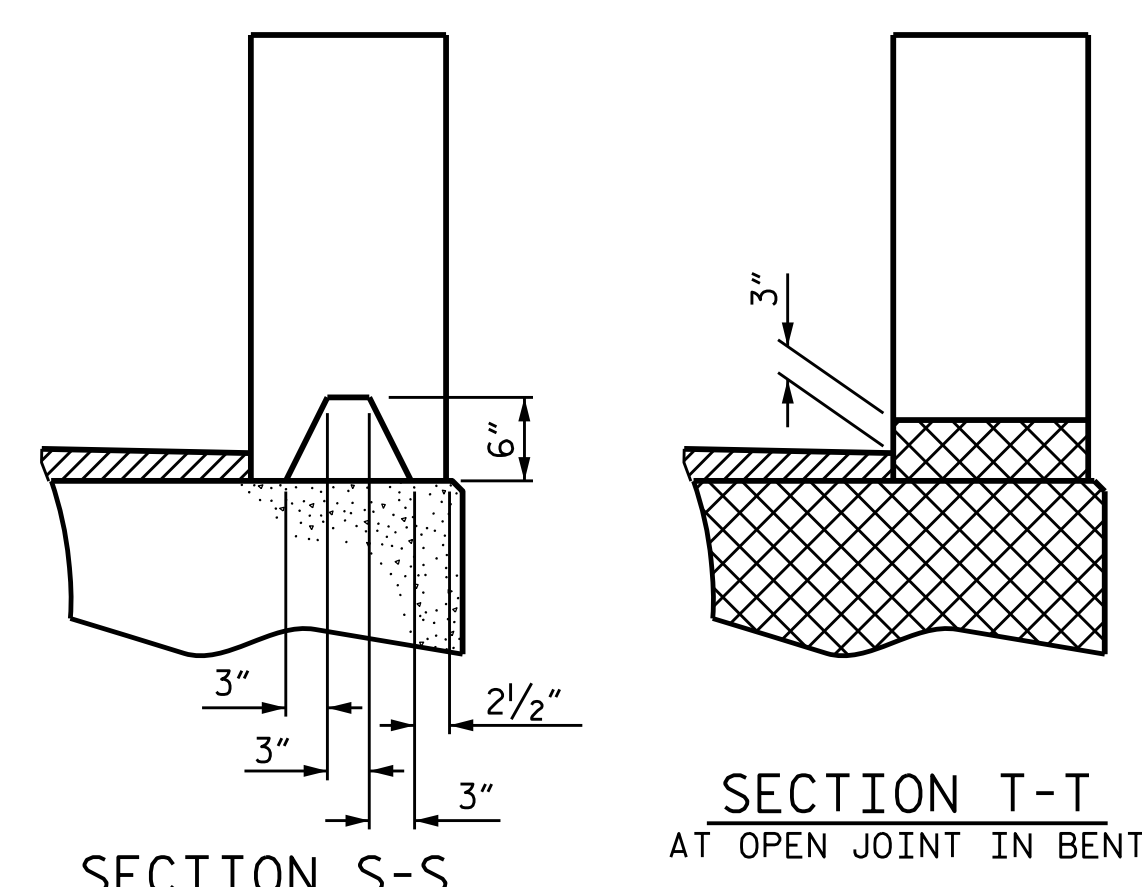
REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-11
1			3			TOTAL SHEETS
2			4			23



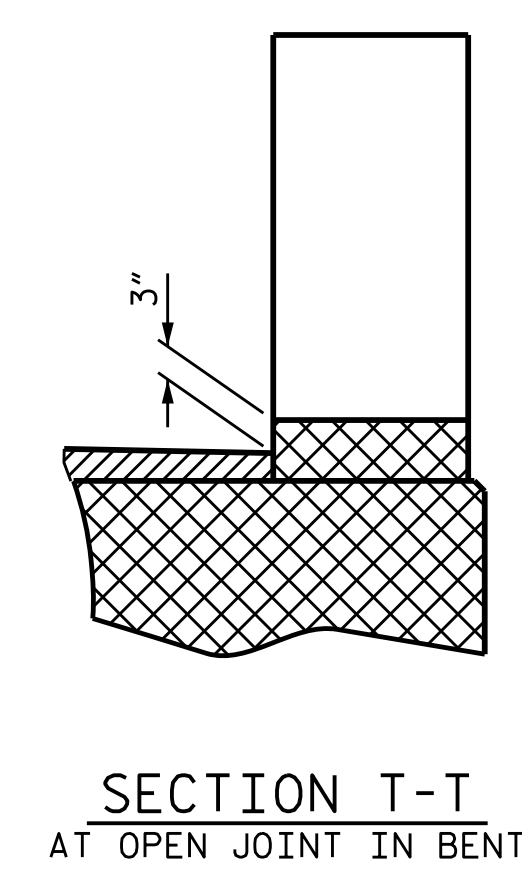
10/22/2015



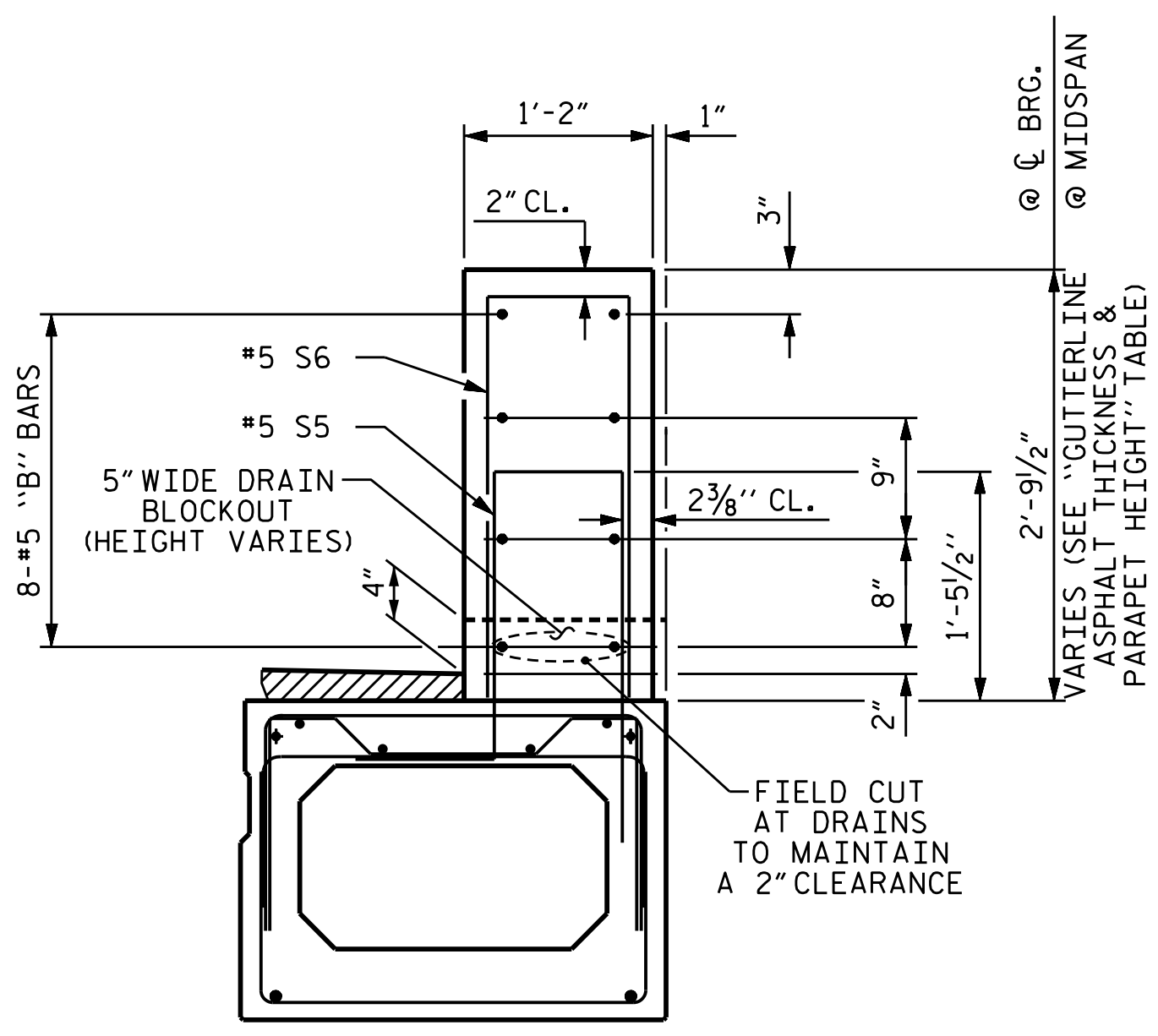
ELEVATION AT EXPANSION JOINTS



SECTION T-T  
AT DAM IN OPEN JOINT  
(THIS IS TO BE USED ONLY  
WHEN SLIP FORM IS USED)



SECTION T-T  
AT OPEN JOINT IN BENT



SECTION THRU PARAPET

DRAWN BY : L.B. LACORTE  
CHECKED BY : W.J. HARRIS  
DESIGN ENGINEER OF RECORD: B.N. GRADY

DATE : 6/14  
DATE : 7/14  
DATE : 7/15