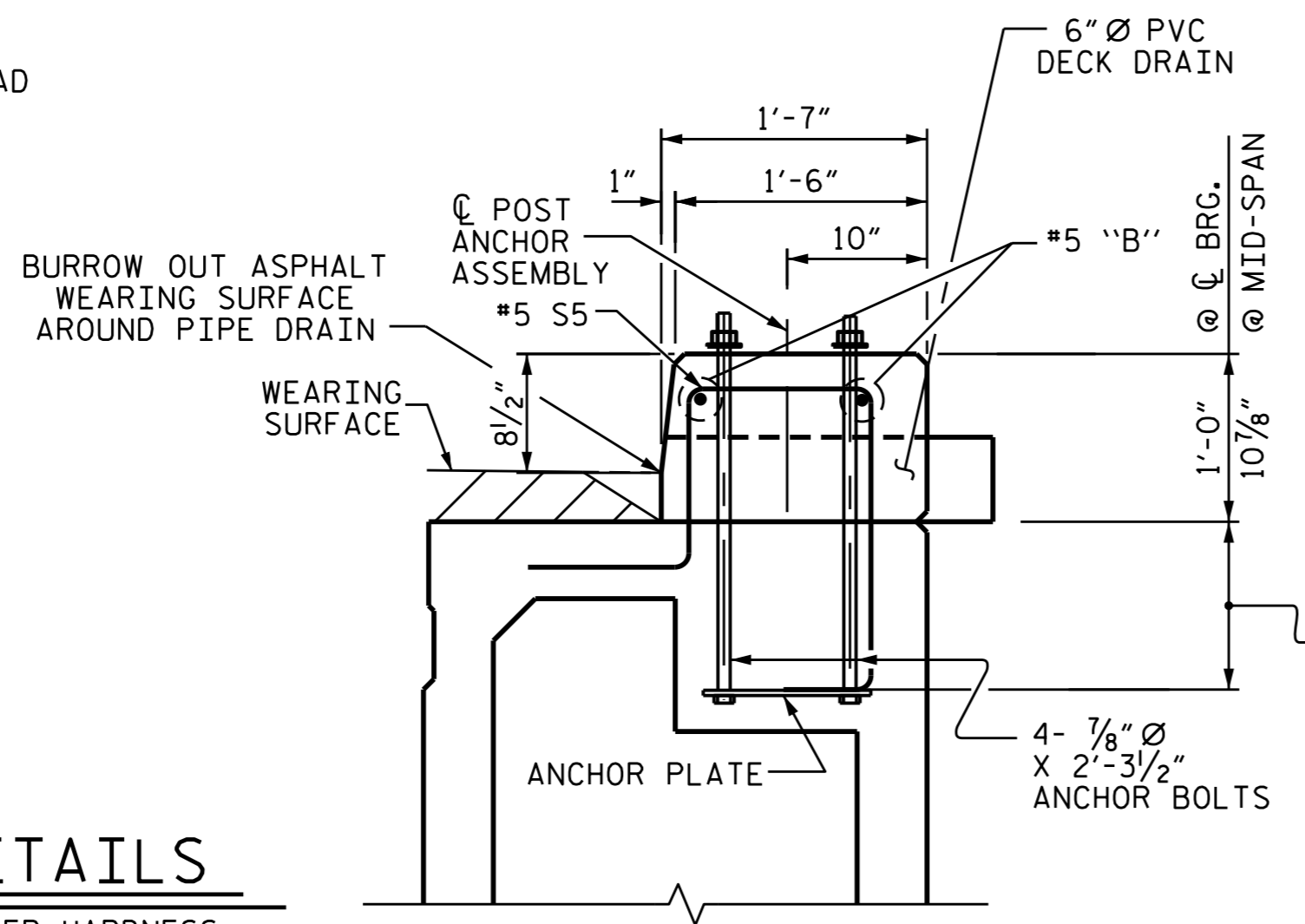


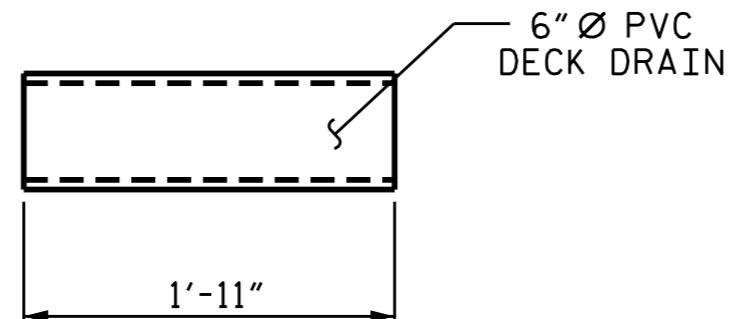
**FIXED END**  
(TYPE I - 18 REQ'D)

**ELASTOMERIC BEARING DETAILS**

ELASTOMER IN ALL BEARINGS SHALL BE 60 DUROMETER HARDNESS.



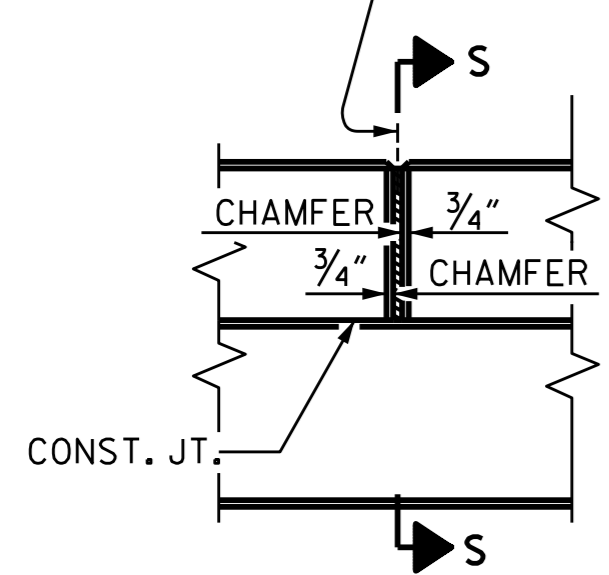
**32" ALASKA RAIL CURB DETAIL**



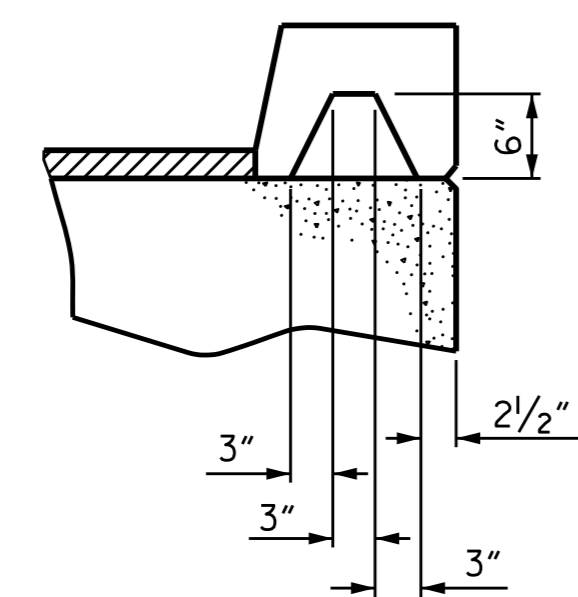
**DRAIN DETAIL**

(5 DRAINS REQ'D)

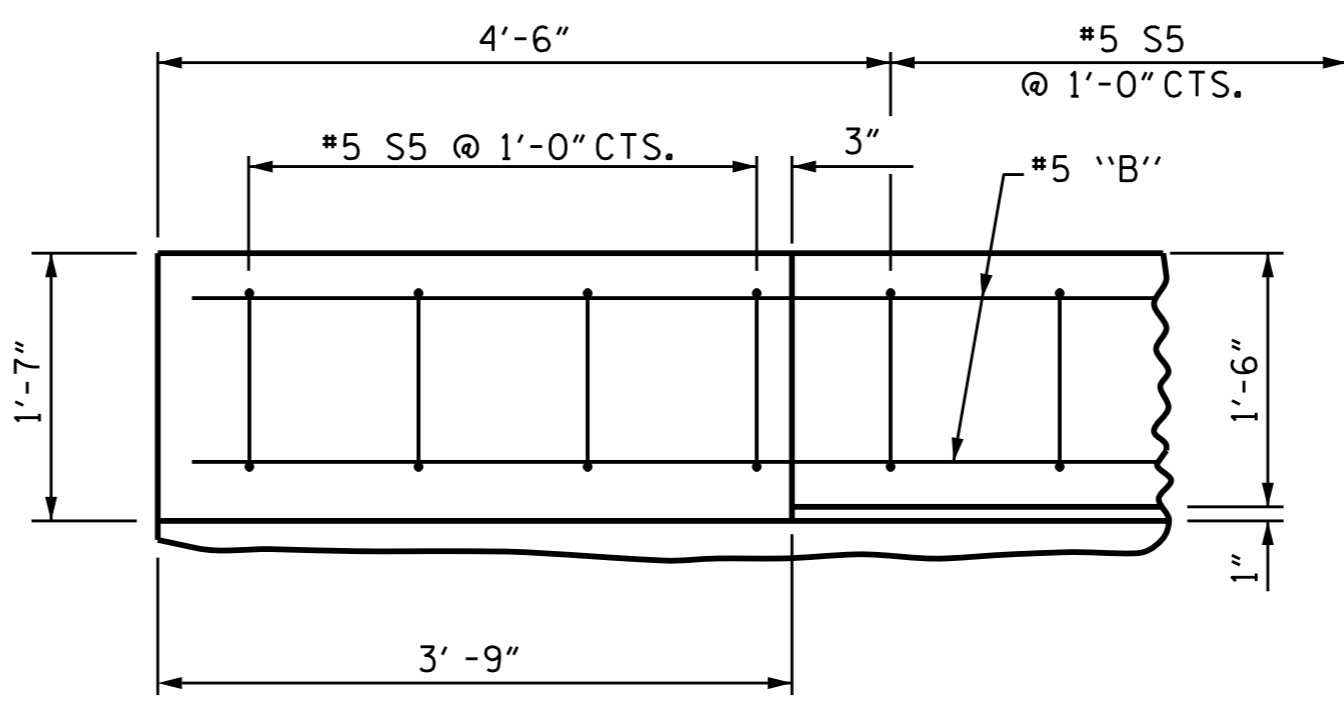
1/2" EXP. JT. MAT'L HELD IN PLACE WITH GALVANIZED NAILS. (NOTE: OMIT EXP. JT. MAT'L WHEN SLIP FORM IS USED)



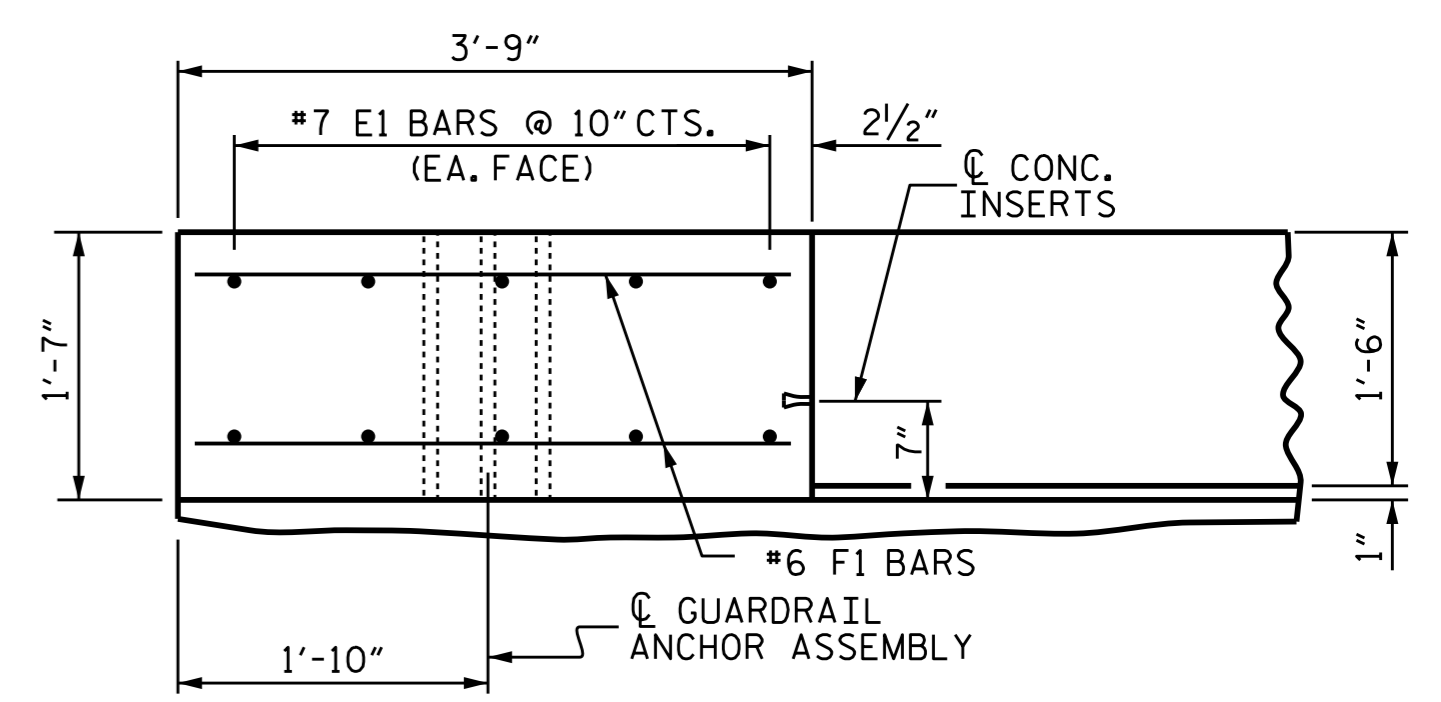
**ELEVATION AT EXPANSION JOINTS**



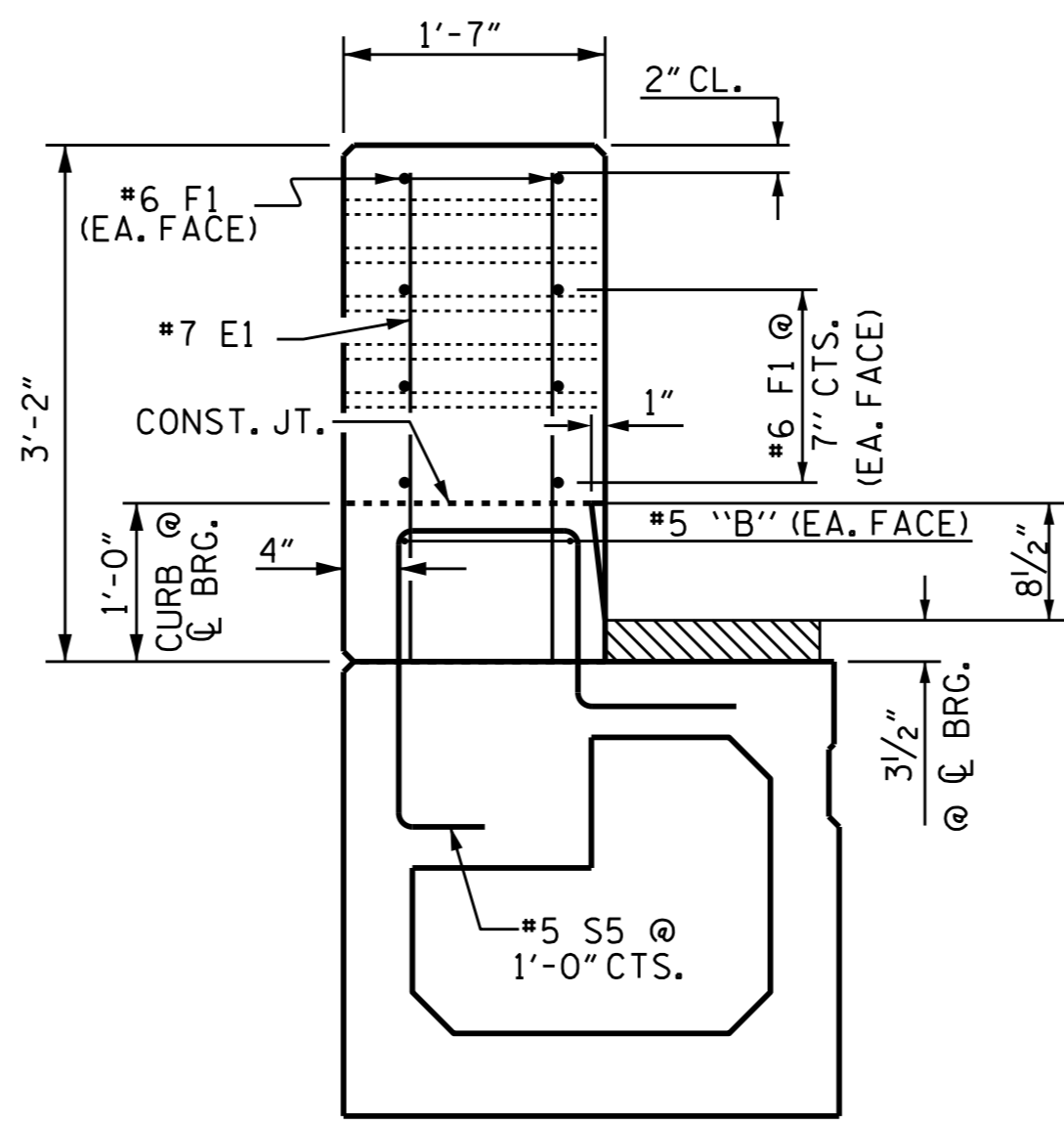
**SECTION S-S**  
AT DAM IN OPEN JOINT  
(THIS IS TO BE USED ONLY WHEN SLIP FORM IS USED)



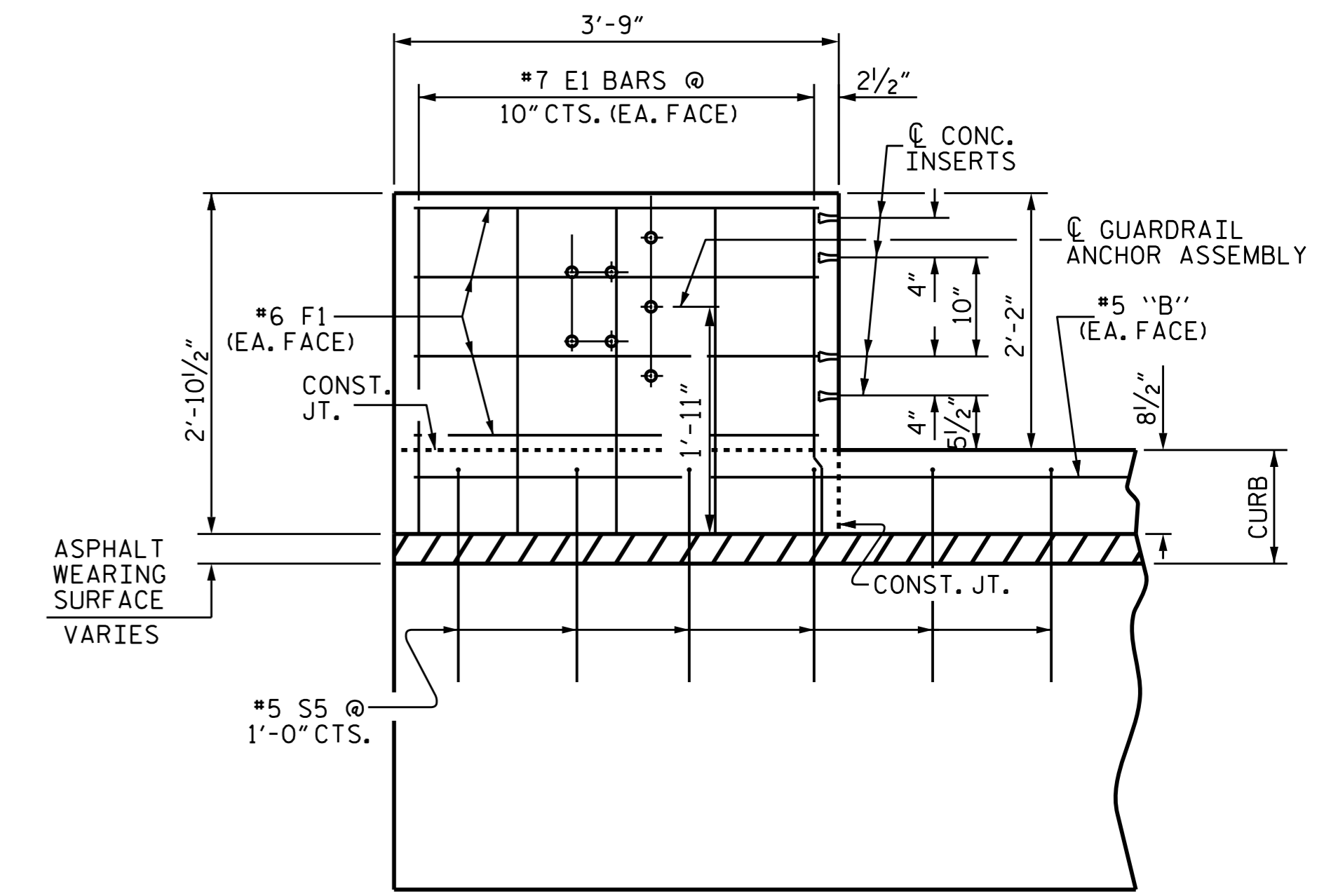
**PLAN OF CURB**



**PLAN OF END POST**



**END VIEW**



**ELEVATION**

**CURB AND END POST DETAIL FOR 32" ALASKA RAIL**

BOX BEAM UNITS REQUIRED			
	NUMBER	LENGTH	TOTAL LENGTH
EXTERIOR B.B.	2	100'-0"	200'-0"
INTERIOR B.B.	7	100'-0"	700'-0"
TOTAL	9		900'-0"

GUTTERLINE ASPHALT THICKNESS & CURB HEIGHT		
	ASPHALT OVERLAY THICKNESS @ MID-SPAN	CURB HEIGHT @ MID-SPAN
100' UNITS	2 3/8"	10 7/8"

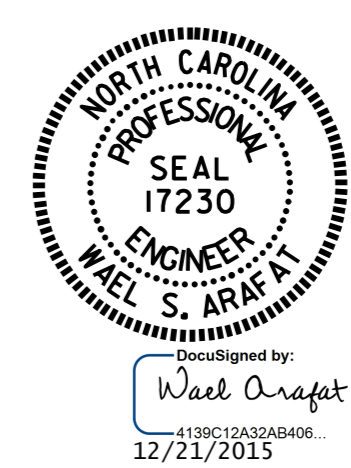
** BILL OF MATERIAL FOR FOUR END POSTS					
BAR	TOTAL NO.	SIZE	TYPE	LENGTH	WEIGHT
*E1	40	#7	STR	2'-9"	225
*F1	32	#6	STR	3'-5"	164
*EPOXY COATED REINFORCING STEEL					LBS. 389
CLASS AA CONCRETE					CU.YDS. 2.0

BILL OF MATERIAL FOR CURB					
BAR	BARS PER PAIR OF EXTERIOR UNITS	SIZE	TYPE	LENGTH	WEIGHT
*B12	8	#5	STR	19'-7"	163
*B13	8	#5	STR	29'-7"	247
*EPOXY COATED REINFORCING STEEL					LBS. 410
CLASS AA CONCRETE					CU.YDS. 11.0
1'-7" X 1'-0" CONCRETE CURB					LN. FT. 200.0

**\*\*NOTE**  
THE COST OF END POSTS SHALL BE INCLUDED IN THE PRICE BID FOR LINEAR FEET OF CONCRETE CURB.

PROJECT NO. B-5173  
SURRY COUNTY  
STATION: 17+22.00 -L-

SHEET 5 OF 5



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

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

REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

ASSEMBLED BY :	H. T. BARBOUR	DATE :	8-21-15
CHECKED BY :	V. X. NGUYEN	DATE :	9-15
DESIGN ENGINEER OF RECORD :	A.M. LEE	DATE :	10-15
DRAWN BY :	TLA 5/05	MAA/GM	
CHECKED BY :	GM 6/05	MAA/GM	
		RWW/TMG	