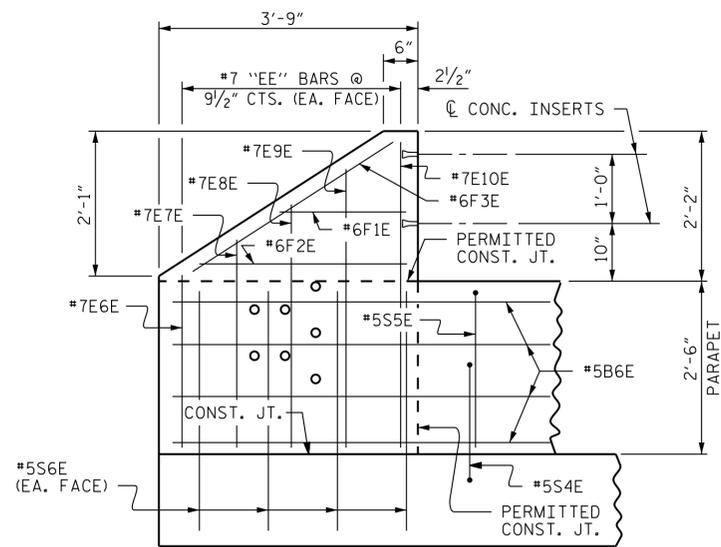
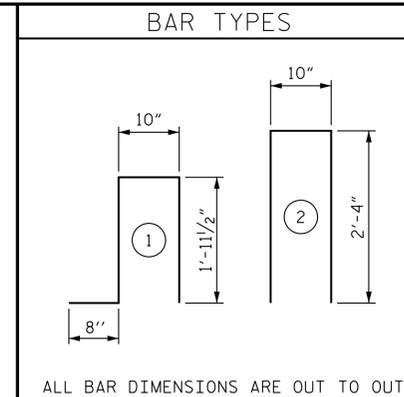


END VIEW



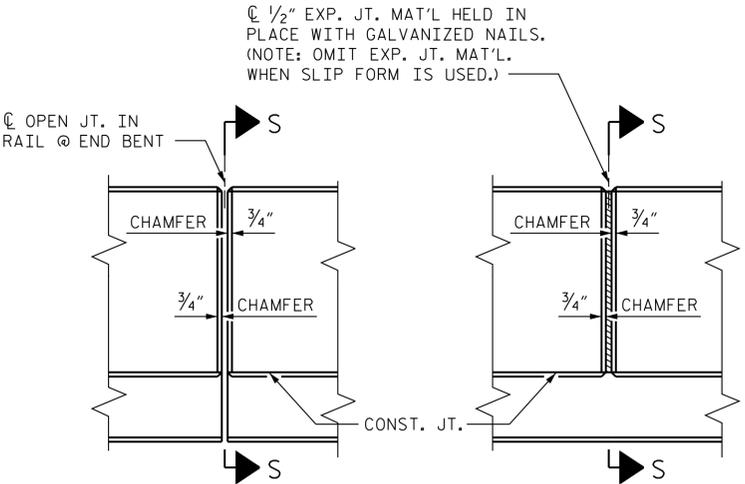
ELEVATION



ALL BAR DIMENSIONS ARE OUT TO OUT

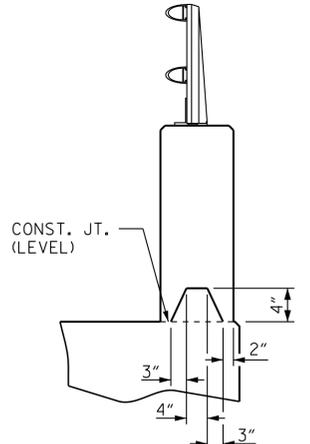
BILL OF MATERIAL					
CONCRETE PARAPET AND TWO END POSTS					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1E	8	#5	STR	26'-10"	224
B2E	40	#5	STR	27'-11"	1165
B3E	32	#5	STR	24'-7"	820
B4E	40	#5	STR	22'-11"	956
B5E	8	#5	STR	21'-10"	182
B6E	16	#5	STR	9'-7"	160
E6E	4	#7	STR	2'-6"	20
E7E	4	#7	STR	3'-0"	25
E8E	4	#7	STR	3'-6"	29
E9E	4	#7	STR	4'-0"	33
E10E	4	#7	STR	4'-4"	35
F1E	4	#6	STR	1'-10"	11
F2E	4	#6	STR	3'-0"	18
F3E	4	#6	STR	3'-5"	21
S4E	420	#5	1	5'-5"	2373
S5E	420	#5	2	5'-6"	2409
S6E	16	#5	STR	3'-0"	50
EPOXY COATED REINFORCING STEEL					LBS. 8,531
CLASS AA CONCRETE					C. Y. 46.6
1'-2" X 2'-6" CONCRETE PARAPET					427.9 LF

PARAPET AND END POST FOR TWO BAR RAIL

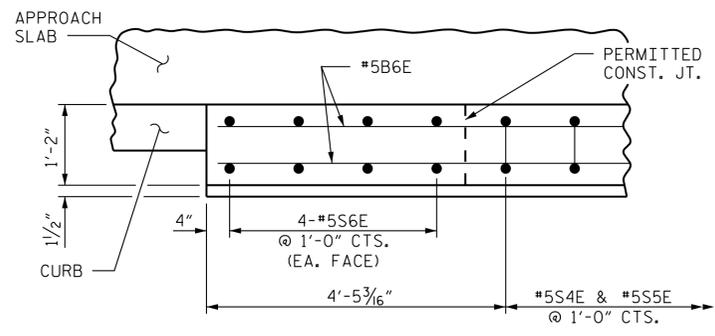


ELEVATION AT EXPANSION JOINTS

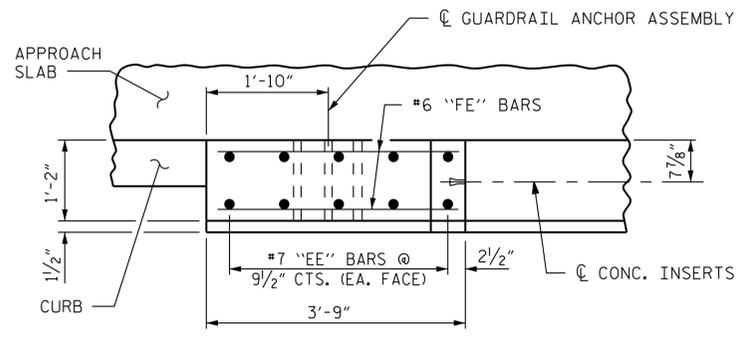
ELEVATION AT EXPANSION JOINTS



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



PLAN OF PARAPET



PLAN OF END POST

NOTES:

THE PARAPET IN EACH SPAN SHALL NOT BE CAST UNTIL ALL SLAB CONCRETE IN THAT SPAN HAS BEEN CAST AND HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI.

ALL REINFORCING STEEL IN PARAPET AND END POSTS SHALL BE EPOXY COATED.

THE #5S1 & #5S2 BARS MAY BE SHIFTED SLIGHTLY IN ORDER TO MAINTAIN A 2" MINIMUM CLEARANCE TO THE 1/2" EXPANSION JOINT MATERIAL IN PARAPET.

FOR DETAILS OF CONCRETE INSERTS IN END POSTS, SEE "RAIL POST SPACINGS AND END OF RAIL DETAILS" SHEET.

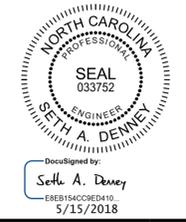
FOR DETAILS OF GUARDRAIL ANCHOR ASSEMBLIES, SEE "GUARDRAIL ANCHORAGE DETAILS FOR METAL RAIL" SHEET.

GROOVED CONTRACTION JOINTS, 1/2" IN DEPTH, SHALL BE TOOLED IN ALL EXPOSED FACES OF THE PARAPET RAIL AND IN ACCORDANCE WITH ARTICLE 825-10(B) OF THE STANDARD SPECIFICATIONS. THE CONTRACTION JOINT SHALL BE LOCATED AT EACH THIRD POINT BETWEEN BARRIER RAIL EXPANSION JOINTS. ONLY ONE CONTRACTION JOINT IS REQUIRED AT MIDPOINT OF BARRIER RAIL SEGMENTS LESS THAN 20 FEET IN LENGTH AND NO CONTRACTION JOINTS ARE REQUIRED FOR THOSE SEGMENTS LESS THAN 10 FEET IN LENGTH.

CONCRETE IN PARAPETS SHALL BE CLASS AA NORMAL WEIGHT CONCRETE.

PROJECT NO. R-3822
 HALIFAX COUNTY
 STATION: 99+17.60 -L1-

SHEET 6 OF 7



Kimley-Horn
 421 Fayetteville Street, Suite 600
 Raleigh, NC 27601-1772
 Phone (919) 677-2000
 NC LICENSE # F-0102

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUPERSTRUCTURE
 CONCRETE PARAPET
 DETAILS
 (RIGHT SIDE)

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-30
1			3			TOTAL SHEETS
2			4			58

DRAWN BY: D. D. LOWERY DATE: 03/18
 CHECKED BY: A. L. PHILLIPS DATE: 03/18
 DESIGN ENGINEER OF RECORD: S. A. DENNEY DATE: 03/18

**DOCUMENT NOT CONSIDERED FINAL
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