10'-0'' 10'-0'' 2'-0'' 2'-0'' 1'-0" 1'-0["] 1'-0" . 1'-0" . 8-#5 S1 & S2 @ 1'-0" CTS. 8-#5 S1 & S2 @ 1'-0" CTS. ____11-#5 B1 (2 BAR RUN) √#5 S1 Ç JT. @ ___ END BENT 2 ∠ 11-#5 B1 (2 BAR RUN) — #5 S1 ^{\(\)} ℚ JT. @ _ END BENT 1 © GUARDRAIL ANCHOR ASSEMBLY — APPROACH SEE "GUARDRAIL ANCHORAGE FOR BARRIER RAIL" SHEET (TYP.) ~#5 S1 #5 S1 ¬ 11-#5 B1 (2 BAR RUN) — 11-#5 B1 (2 BAR RUN)—/ #5 S3 -8-#5 S1 & S2 @ 1'-0" CTS. 8-#5 S1 & S2 @ 1'-0" CTS. i'-0" 1'-0" 2'-0'' 2'-0'' 10'-0'' 10'-0'' END BENT 1 END BENT 2

NOTES

THE COST OF THE BARRIER RAIL ON THE APPROACH SLAB SHALL BE INCLUDED IN THE LINEAR FOOT CONTRACT PRICE BID FOR "CONCRETE BARRIER RAIL".

THE BARRIER RAIL ON EACH APPROACH SLAB SHALL NOT BE CAST UNTIL ALL APPROACH SLAB CONCRETE HAS BEEN CAST AND HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI.

ALL REINFORCING STEEL IN BARRIER RAILS SHALL BE EPOXY COATED.

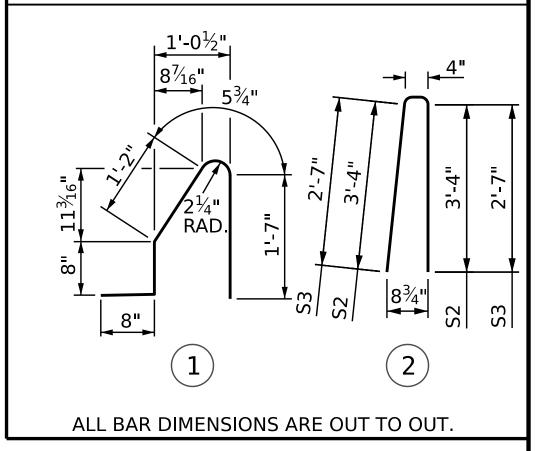
SHIFT, BEND, OR CUT REINFORCING STEEL AS NECESSARY TO CLEAR JOINT BLOCKOUT.

BILL OF MATERIAL										
CONCRETE BARRIER RAIL ON APPROACH SLABS										
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT					
* B1	88	5	STR	7'-1"	650					
* S1	40	5	1	5'-1"	212					
* S2	32	5	2	7'-0"	234					
* S3	8	5	2	5'-6"	46					
* EPOXY COATED 1,142 LBS.										

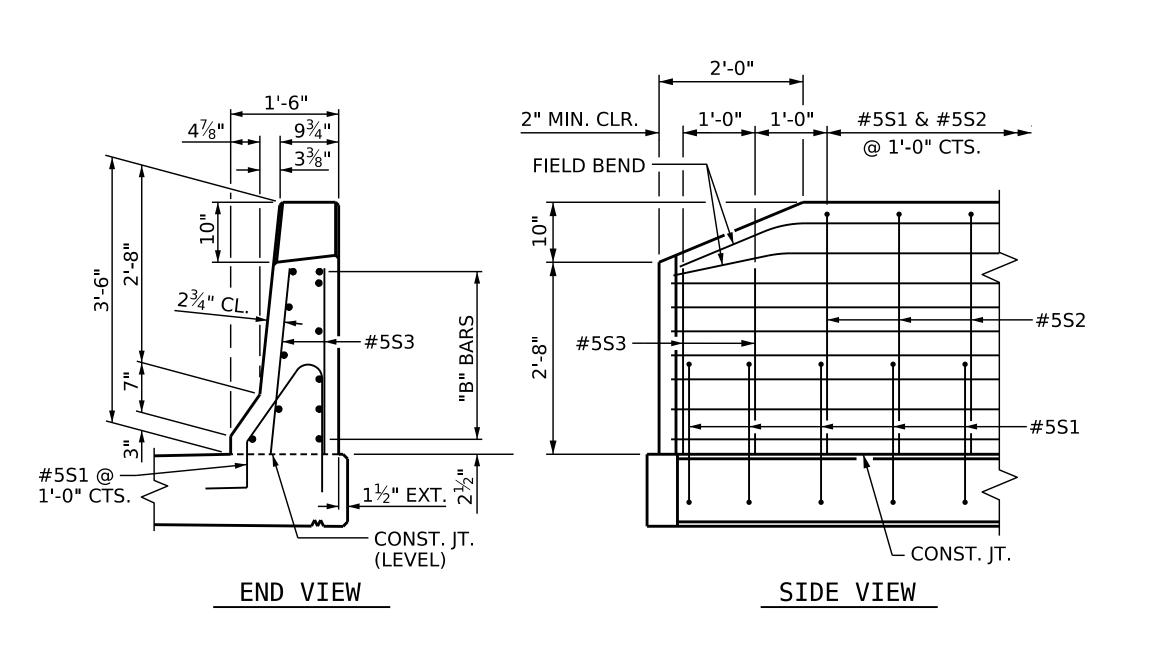
REINFORCING STEEL

CLASS AA CONCRETE 5.7 C.Y. 40 L.F. CONCRETE BARRIER RAIL

BAR TYPES



PLAN OF BARRIER RAIL



/-- #5S2 @ 1'-0" CTS. $2\frac{3}{4}$ " CL. #5S1 @ — 1'-0" CTS. "B" BARS CONST. JT $1\frac{1}{2}$ " EXT. (LEVEL) BEAM BOLSTER 1'-0" IN SLAB OVERHANG

SECTION THRU RAIL

ROCKINGHAM _ COUNTY STATION: POT 25+80.88 -L-SHEET 3 OF 3

PROJECT NO. BR-0043

5438 WADE PARK BOULEVARD, SUITE 200 RALEIGH, NC 27607 (919) 854-6200 www.aecom.com AECOM License No. F-0342 030474

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

APPROACH SLAB DETAILS

	REVISIONS							
2023	NO.	BY:	DATE:	NO.	BY:	DATE:	S-4	
	1			3			TOT SHE	
	2			4			4	

END OF RAIL DETAILS

ASSEMBLED BY : M.L. CATER CHECKED BY : J.C. MORRISON DATE :01/2023 DATE :01/2023 MAA/GM MAA/THC MAA/THC DRAWN BY: FCJ 11/88 REV. 6/13 CHECKED BY: ARB 11/88 REV. 12/17 REV. 5/18

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED