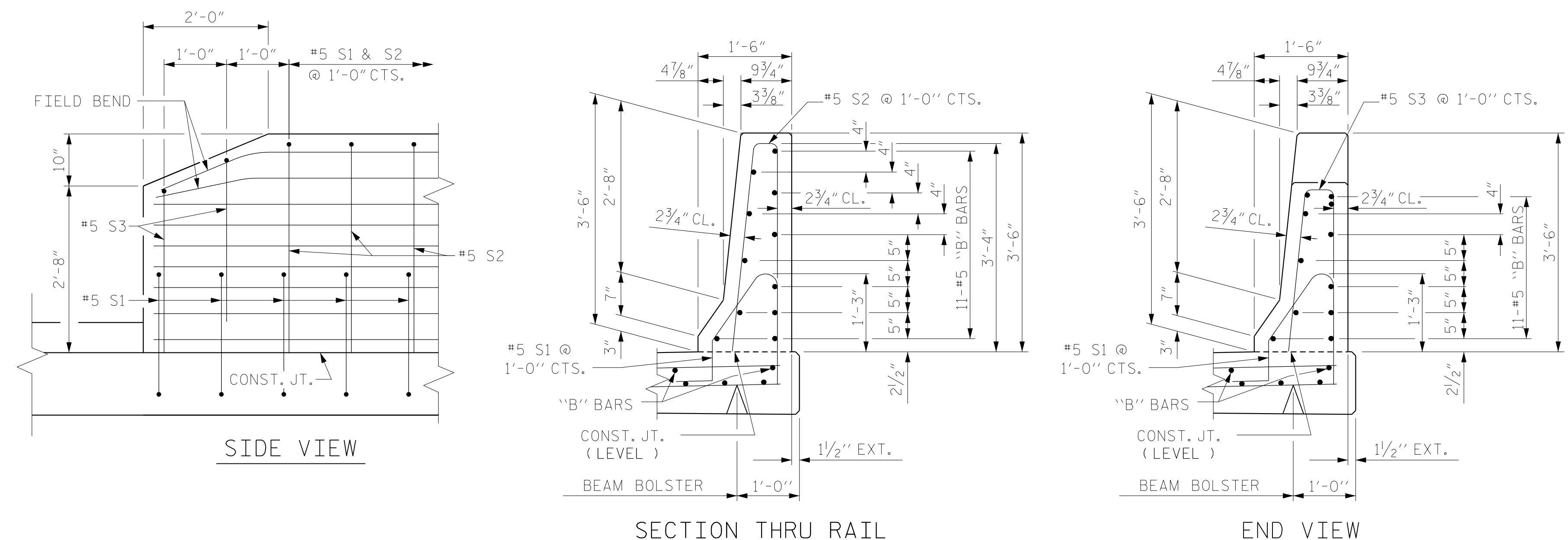


PLAN OF BARRIER RAIL



END OF RAIL DETAILS

**BAR TYPES**

ALL BAR DIMENSIONS ARE OUT TO OUT

**BILL OF MATERIAL**  
FOR CONCRETE BARRIER RAIL ONLY

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* B1	5	#5	STR.	9'-9"	51
* B2	6	#5	STR.	10'-2"	64
* B3	11	#5	STR.	9'-8"	111
* S1	21	#5	1	5'-1"	111
* S2	17	#5	2	7'-0"	124
* S3	4	#5	2	5'-6"	23

\* EPOXY COATED REINFORCING STEEL 484 LBS.  
CLASS AA CONCRETE 2.8 CU. YDS.  
CONCRETE BARRIER RAIL 20.4 LIN. FT.

**NOTES:**  
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.

DRAWN BY :	TWL	DATE :	12/2020
CHECKED BY :	MRA	DATE :	12/2020
DESIGN ENGINEER OF RECORD:	RLB	DATE :	09/2021

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



PROJECT NO. U-5798A  
CUMBERLAND COUNTY  
STATION: 76+80.00 -L-

SHEET 3 OF 3

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

**BRIDGE APPROACH SLAB DETAILS**

LEFT LANE

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S1-43
1			3			TOTAL SHEETS
2			4			43