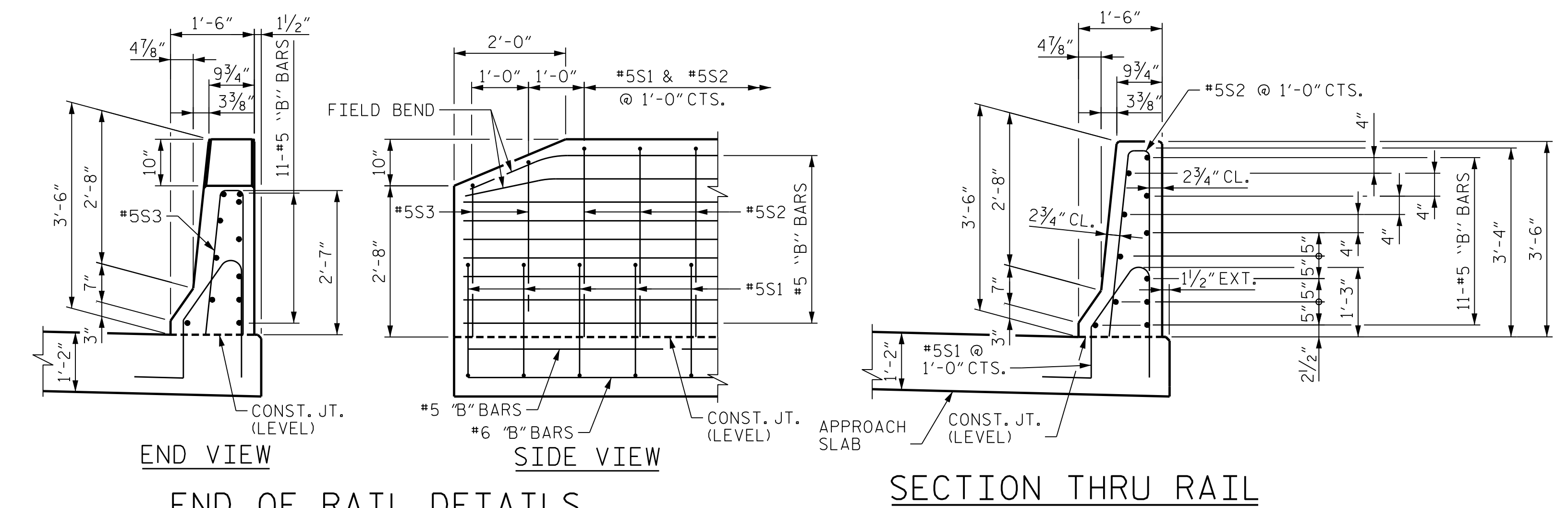


PLAN OF BARRIER RAIL



END OF RAIL DETAILS

SECTION THRU RAIL

BILL OF MATERIAL					
STAGE 1 (LEFT BARRIER RAIL ONLY)					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* B9	11	#5	STR	9'-7"	110
* B10	11	#5	STR	9'-7"	110
* S1	20	#5	2	5'-0"	105
* S2	16	#5	3	7'-0"	117
* S3	4	#5	3	5'-6"	23
* EPOXY COATED REINFORCING STEEL				LBS.	465
CLASS "AA" CONCRETE				CU. YDS.	2.8
CONCRETE BARRIER RAIL				LIN. FT.	20.0
STAGE 2 (RIGHT BARRIER RAIL ONLY)					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* B11	11	#5	STR	9'-7"	110
* B12	11	#5	STR	9'-7"	110
* S1	20	#5	2	5'-0"	105
* S2	16	#5	3	7'-0"	117
* S3	4	#5	3	5'-6"	23
EPOXY COATED REINFORCING STEEL				LBS.	465
CLASS "AA" CONCRETE				CU. YDS.	2.8
CONCRETE BARRIER RAIL				LIN. FT.	20.0
BAR TYPES					
ALL BAR DIMENSIONS ARE OUT TO OUT					

**NOTES**

ALL REINFORCING STEEL IN BARRIER RAILS SHALL BE EPOXY COATED

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.

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

PROJECT NO. B-3186/B-5898  
HAYWOOD COUNTY  
 STATION: 42+71.13 -L-

SHEET 3 OF 4

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**BRIDGE APPROACH  
 SLAB DETAILS**

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

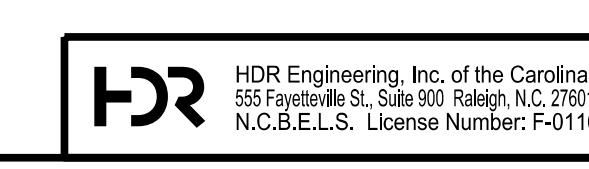
SHEET NO. 501-57  
 TOTAL SHEETS 59



1/25/2022

PLOT DRIVER: NCDOT STRUCTURES DEFAULT PLOTTER.plt  
 USER: PPETERSO DATE: 1/25/2022 TIME: 8:35:10 AM  
 FILE: ... \401\_280\_B5898B3186\_SMU\_AS\_057\_430168.dgn

DES BY: H. ABU NIMEH DATE: 05/21 DWG BY: B. PETERSON DATE: 02/21  
 DES CHK: L. GUALTIERI DATE: 07/21 CHK BY: L. GUALTIERI DATE: 07/21



DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED