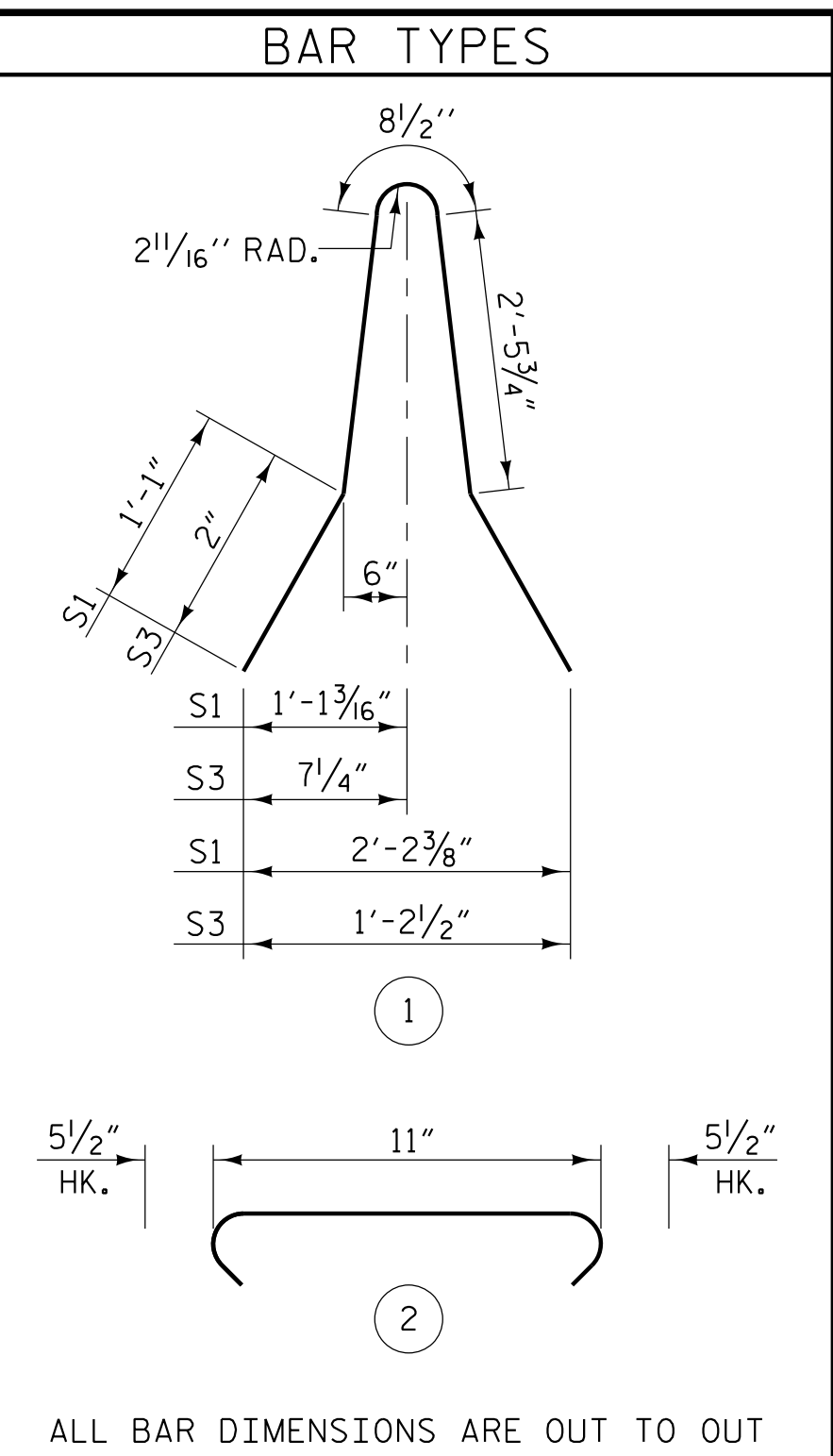


**PLAN OF MEDIAN BARRIER**  
SEE SECTION C-C ON SHEET 2 OF 2 FOR #5 "B" BAR LAYOUT



ALL BAR DIMENSIONS ARE OUT TO OUT

**BILL OF MATERIAL**

FOR CONCRETE MEDIAN BARRIER RAIL ONLY					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* B1	84	#5	STR	24'-7"	2154
* B2	48	#5	STR	14'-8"	734
* S1	223	#5	1	7'-10"	1822
* S2	446	#5	2	1'-10"	853
* S3	4	#5	1	6'-0"	25
* EPOXY COATED REINFORCING STEEL					5588 LBS.
CLASS AA CONCRETE					40.4 CU. YDS.
CONCRETE MEDIAN BARRIER					227.97 LIN. FT.

**NOTES**

- THE MEDIAN BARRIER 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 BARRIER RAILS SHALL BE EPOXY COATED.
- THE #5S2 BARS MAY BE PUSHED INTO GREEN CONCRETE AFTER SCREEDING.
- GROOVED CONTRACTION JOINTS, 1/2" IN DEPTH, SHALL BE TOOLED IN ALL EXPOSED FACES OF THE MEDIAN BARRIER AND IN ACCORDANCE WITH ARTICLE 825-10(B) OF THE STANDARD SPECIFICATIONS. THE CONTRACTION JOINT SHALL BE LOCATED AT EACH THIRD POINT BETWEEN MEDIAN BARRIER EXPANSION JOINTS. ONLY ONE CONTRACTION JOINT IS REQUIRED AT MIDPOINT OF MEDIAN BARRIER SEGMENTS LESS THAN 20 FEET IN LENGTH AND NO CONTRACTION JOINTS ARE REQUIRED FOR THOSE SEGMENTS LESS THAN 10 FEET IN LENGTH.

PROJECT NO. I-5987B  
ROBESON COUNTY  
 STATION: 586+14.00 -L- POT

SHEET 1 OF 2

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

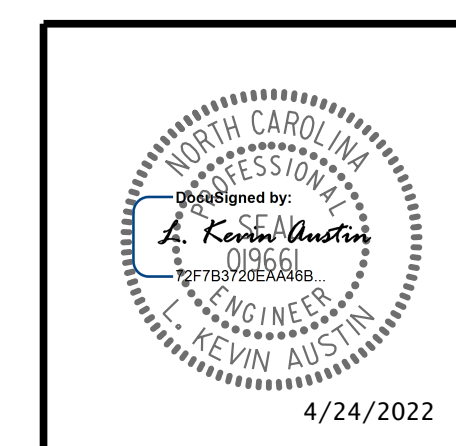
SUPERSTRUCTURE  
**CONCRETE  
 MEDIAN BARRIER**

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			S5-27
2			4			TOTAL SHEETS 64

PLANS PREPARED BY:

**NV5**

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**DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED**

DRAWN BY : W. B. ALLEN DATE : 10/21  
 CHECKED BY : G. F. WILSON DATE : 2/22  
 DESIGN ENGINEER OF RECORD: L. K. AUSTIN DATE : 2/22

4/22/2022 5:51:53 PM G:\Project\2019\2019\7\03\CLIENT\Structures\I-5987B (Big Marsh Swomp)\5987B\_SML\_BR2\_770536.dgn