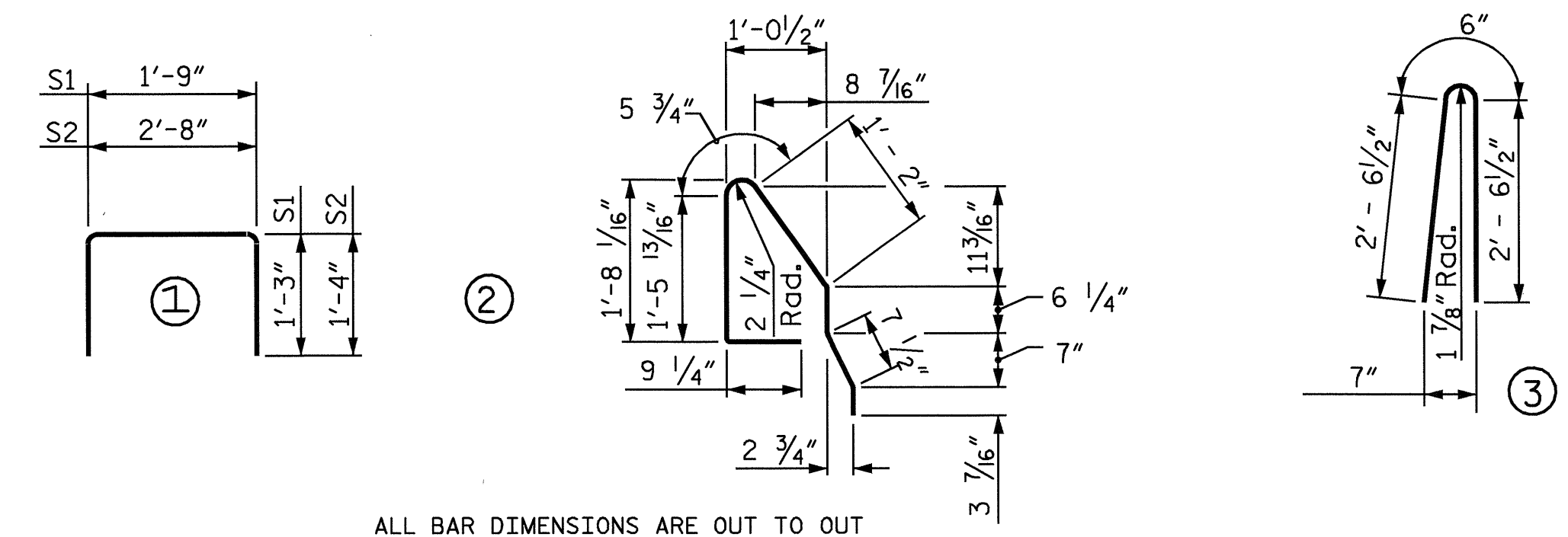


BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT

BILL OF MATERIAL FOR ONE CORED SLAB SECTION

BAR	SIZE	TYPE	EXTERIOR UNIT		INTERIOR UNIT	
			NO.	LENGTH	NO.	LENGTH
B1	4	STR	2	28'-8"	2	28'-8"
S1	4	1	8	4'-3"	8	4'-3"
S2	4	1	56	5'-4"	56	5'-4"
* S3	5	2	30	5'-4"		
REINFORCING STEEL			LBS.	261		261
* EPOXY COATED REINFORCING STEEL			LBS.	167		
5,000 P.S.I. CONCRETE			CU. YDS.	4.1		4.1
1/2" Ø L.R. STRANDS			No.	12		12

DEAD LOAD DEFLECTION AND CAMBER

	3'-0" x 1'-9"
CAMBER (SLAB ALONE IN PLACE) ↑	1/2" Ø L.R. STRAND
DEFLECTION DUE TO SUPERIMPOSED DEAD LOAD ** ↓	1/16"
FINAL CAMBER ↑	7/16"

** INCLUDES FUTURE WEARING SURFACE

SPAN A, B & C

CORED SLABS REQUIRED

		NUMBER	LENGTH	TOTAL LENGTH
SPAN A	EXTERIOR C.S.	2	29'-2"	58'-4"
	INTERIOR C.S.	13	29'-2"	379'-2"
SPAN B	EXTERIOR C.S.	2	29'-2"	58'-4"
	INTERIOR C.S.	13	29'-2"	379'-2"
SPAN C	EXTERIOR C.S.	2	29'-2"	58'-4"
	INTERIOR C.S.	13	29'-2"	379'-2"
TOTAL		45		1312'-6"

GRADE 270 STRANDS

	1/2" Ø L.R.
AREA (SQUARE INCHES)	0.153
ULTIMATE STRENGTH (LBS. PER STRAND)	41,300
APPLIED PRESTRESS (LBS. PER STRAND)	30,980

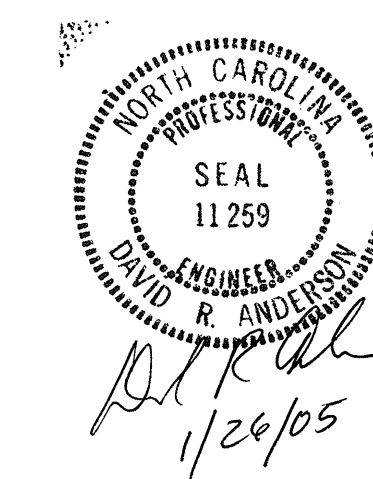
BARRIER RAIL BILL OF MATERIAL

SPAN A, B & C

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* B2	42	5	STR	28'-8"	1256
* S4	180	5	3	5'-7"	1048
* EPOXY COATED REINF. STEEL LB. = 2304					
CLASS AA CONCRETE C.YD. = 19.5					
TOTAL EPOXY COATED REINF. STEEL LB = 2304					
TOTAL CLASS AA CONCRETE CU. YD. = 19.5					
TOTAL CONCRETE BARRIER RAIL (FT) = 175.00					

PROJECT NO. B-3906
SAMPSON COUNTY
STATION: 22+15.00 -L-

SHEET 6 OF 6



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

3'-0" X 1'-9"
PRESTRESSED
CONCRETE CORED
SLAB UNIT
SPANS A, B & C

REVISIONS				SHEET NO.
NO.	BY:	DATE:	NO.	S-9
1			3	TOTAL SHEETS
2			4	38

ASSEMBLED BY : N. Q. TRAN DATE : APR. 2004
CHECKED BY : S. M. RASHIDI DATE : 8-23-04

25-JAN-2005 12:00
W:\Sampson\B3906\str\1\stran-MT00-01\wks\B390602.DGN