

NOTES

THE COST OF THE BARRIER RAIL ON THE APPROACH SLAB SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE BID FOR CONSTRUCTION OF SUPERSTRUCTURE.

FOR REINFORCED BRIDGE APPROACH FILL INCLUDING FABRIC, IMPERMEABLE GEOMEMBRANE, 4" Ø DRAINAGE PIPE, #78M STONE, AND SELECT MATERIAL, SEE ROADWAY PLANS.

TEMPORARY DRAINAGE AND TEMPORARY BERM AND SLOPE DRAINS WILL BE PAID FOR UNDER THE LUMP SUM PRICE FOR CONSTRUCTION OF SUPERSTRUCTURE.

AREA BETWEEN THE WINGWALL AND APPROACH SLAB SHALL BE GRADED TO DRAIN THE WATER AWAY FROM THE FILL FACE OF THE BRIDGE AND SHALL BE PAVED. SEE ROADWAY PLANS.

THE 6" COMP. A.B.C. SHALL EXTEND 10'-0" BEYOND THE END OF THE APPROACH SLAB AND 1'-0" OUTSIDE OF EACH EDGE OF SLAB.

THE CONTRACTOR MAY USE 4" TYPE B-25.0B ASPHALT CONCRETE BASE COURSE IN LIEU OF 6" COMP. A.B.C. IF THIS OPTION IS USED, THE BASE COURSE SHALL EXTEND 1'-0" BEYOND THE END OF THE APPROACH SLAB AND THE WIDTH SHALL BE THE SAME AS THAT OF THE APPROACH SLAB.

THE CONTRACTOR MAY USE 5" CLASS "A" CONCRETE BASE IN LIEU OF 6" COMP. A.B.C. IF THIS OPTION IS USED, THE CONCRETE BASE SHALL EXTEND 1'-0" BEYOND THE END OF THE APPROACH SLAB AND THE WIDTH SHALL BE THE SAME AS THAT OF THE APPROACH SLAB. THE CONCRETE SHALL BE FINISHED TO A SMOOTH SURFACE AND A LAYER OF 30 LB ROOFING FELT SHALL BE PLACED BETWEEN THE CONCRETE BASE AND THE APPROACH SLAB TO PREVENT BOND. THE APPROACH SLAB SHALL NOT BE CAST UNTIL THE CONCRETE BASE HAS REACHED AN AGE OF THREE CURING DAYS.

FOR JOINT DETAILS, SEE "PRESTRESSED CONCRETE CORED SLAB UNIT" SHEETS.

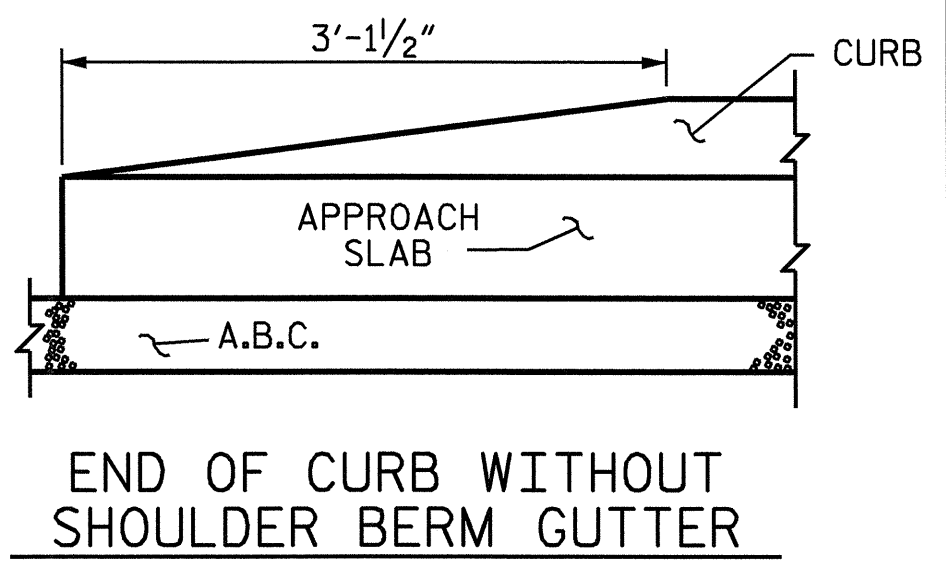
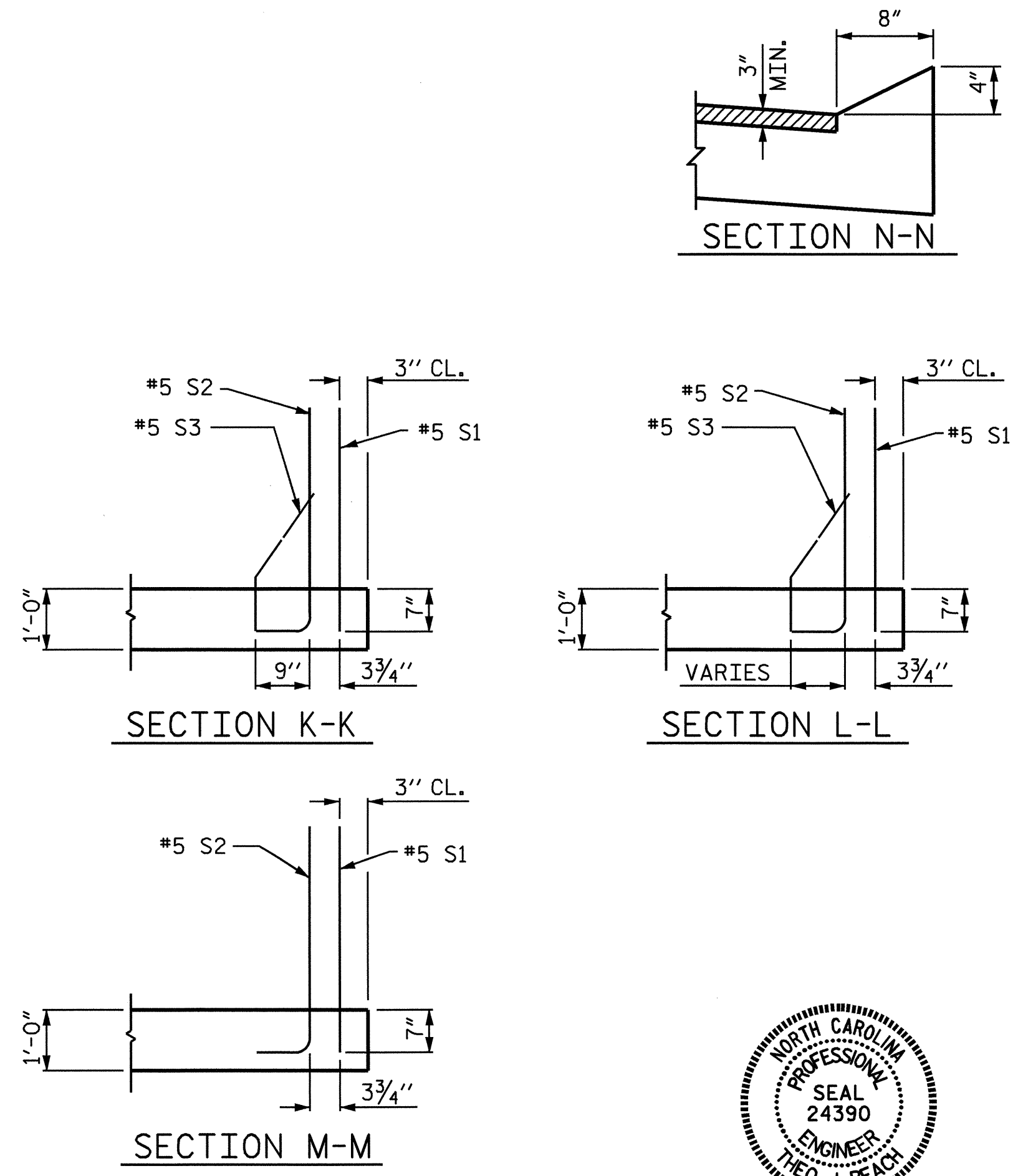
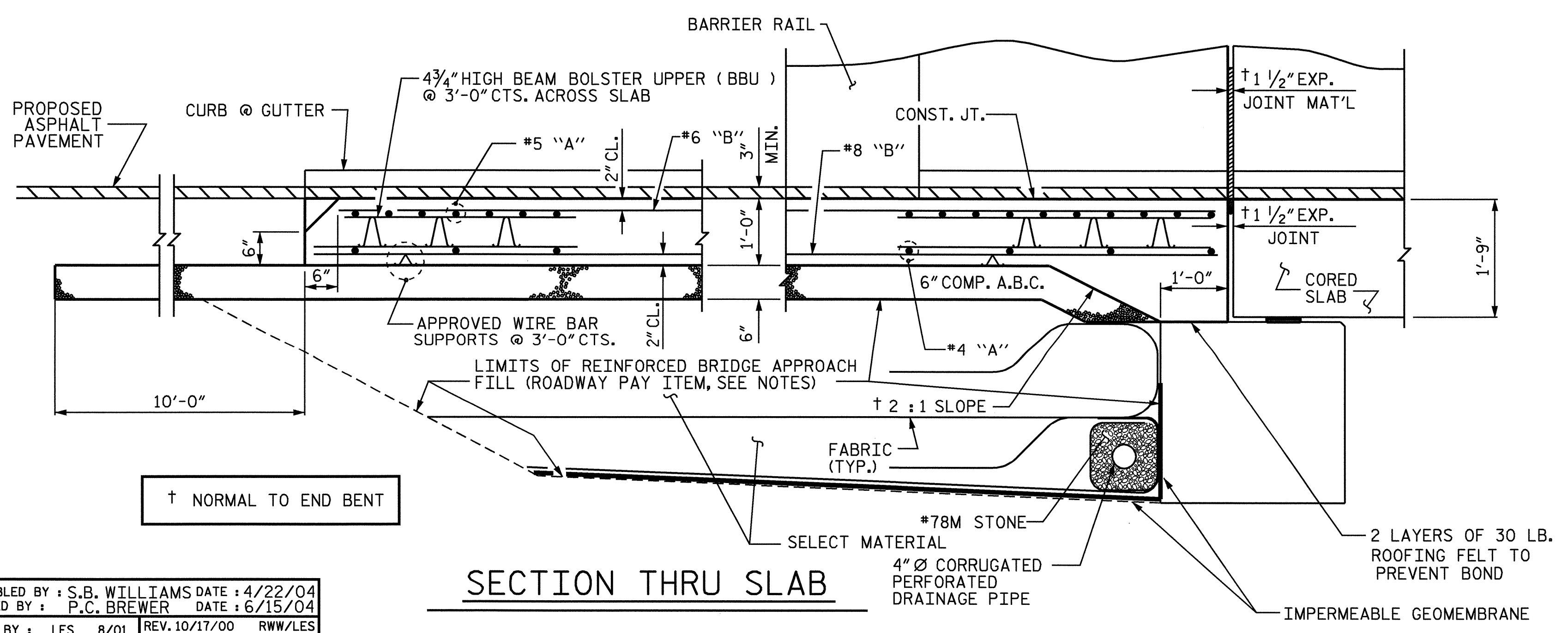
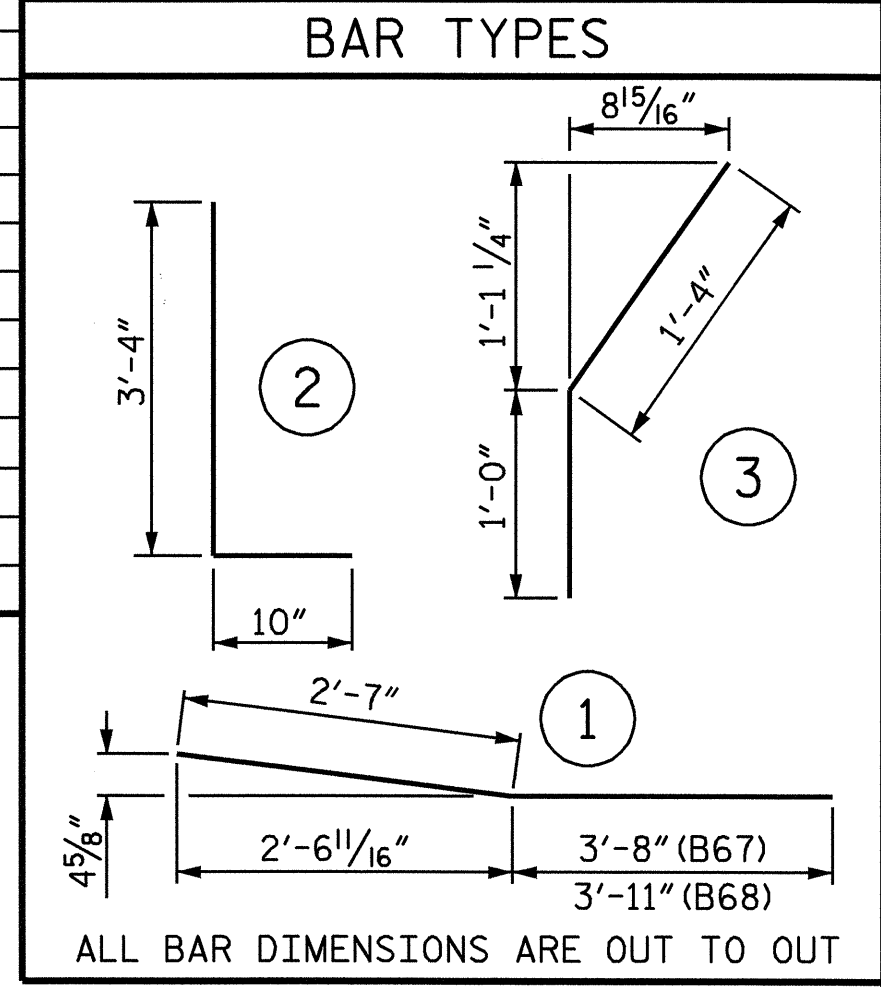
THE JOINT AT THE END BENT SHALL BE SEALED AS SOON AS PRACTICAL AFTER THE CONSTRUCTION OF THE APPROACH SLABS.

APPROACH SLAB GROOVING IS NOT REQUIRED.

BILL OF MATERIAL-FOR ONE APPROACH SLAB (2 REQ'D)

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	
*A1	100	5	STR	17'-7"	1834	*B1	2	6	STR	24'-3"	73	B34	2	8	STR	24'-9"	132	*B67	1	5	1	6'-3"	7	
*A2	1	5	STR	29'-4"	31	*B2	2	6	STR	24'-6"	74	B35	2	8	STR	25'-0"	134	*B68	1	5	1	6'-6"	7	
*A3	1	5	STR	27'-6"	29	*B3	2	6	STR	24'-9"	74	B36	2	8	STR	25'-3"	135	*B70	7	5	STR	11'-8"	85	
*A4	1	5	STR	25'-7"	27	*B4	2	6	STR	25'-0"	75	B37	2	8	STR	25'-6"	136	*B71	7	5	STR	11'-6"	84	
*A5	1	5	STR	23'-9"	25	*B5	2	6	STR	25'-3"	76	B38	2	8	STR	25'-9"	138							
*A6	1	5	STR	21'-11"	23	*B6	2	6	STR	25'-7"	77	B39	2	8	STR	26'-1"	139	*G1	1	5	STR	33'-9"	35	
*A7	1	5	STR	20'-0"	21	*B7	2	6	STR	25'-10"	78	B40	2	8	STR	26'-4"	141							
*A8	1	5	STR	18'-2"	19	*B8	2	6	STR	26'-1"	78	B41	2	8	STR	26'-7"	142	*S1	48	5	STR	3'-4"	167	
*A9	1	5	STR	16'-3"	17	*B9	2	6	STR	26'-4"	79	B42	2	8	STR	26'-10"	143	*S2	48	5	2	4'-2"	209	
*A10	1	5	STR	14'-5"	15	*B10	2	6	STR	26'-7"	80	B43	2	8	STR	27'-1"	145	*S3	20	5	3	2'-4"	49	
*A11	1	5	STR	12'-7"	13	*B11	2	6	STR	26'-11"	81	B44	2	8	STR	27'-5"	146	REINFORCING STEEL 6,229 LBS.						
*A12	1	5	STR	10'-8"	11	*B12	2	6	STR	27'-2"	82	B45	2	8	STR	27'-8"	148	*EPOXY COATED						
*A13	1	5	STR	8'-10"	9	*B13	2	6	STR	27'-5"	82	B46	2	8	STR	27'-11"	149	REINFORCING STEEL 5,576 LBS.						
*A14	1	5	STR	7'-0"	7	*B14	2	6	STR	27'-8"	83	B47	2	8	STR	28'-2"	150	CLASS AA CONCRETE BREAKDOWN						
*A15	1	5	STR	5'-1"	5	*B15	2	6	STR	28'-0"	84	B48	2	8	STR	28'-6"	152	END BENT No. 1						
*A16	1	5	STR	3'-3"	3	*B16	2	6	STR	28'-3"	85	B49	2	8	STR	28'-9"	154	POUR 1 SLAB & CURB 37.8 C.Y.						
A17	100	4	STR	17'-3"	1152	*B17	2	6	STR	28'-6"	86	B50	2	8	STR	29'-0"	155	POUR 2 RAIL 2.5 C.Y.						
A18	1	4	STR	29'-4"	20	*B18	2	6	STR	28'-9"	86	B51	2	8	STR	29'-3"	156	CLASS AA CONCRETE 40.3 C.Y.						
A19	1	4	STR	27'-6"	18	*B19	2	6	STR	29'-0"	87	B52	2	8	STR	29'-6"	158	BAR TYPES						
A20	1	4	STR	25'-7"	17	*B20	2	6	STR	29'-4"	88	B53	2	8	STR	29'-10"	159							
A21	1	4	STR	23'-9"	16	*B21	2	6	STR	29'-7"	89	B54	2	8	STR	30'-1"	161							
A22	1	4	STR	21'-11"	15	*B22	2	6	STR	29'-10"	90	B55	2	8	STR	30'-4"	162							
A23	1	4	STR	20'-0"	13	*B23	2	6	STR	30'-1"	90	B56	2	8	STR	30'-7"	163							
A24	1	4	STR	18'-2"	12	*B24	2	6	STR	30'-4"	91	B57	2	8	STR	30'-10"	165							
A25	1	4	STR	16'-3"	11	*B25	2	6	STR	30'-8"	92	B58	2	8	STR	31'-2"	166							
A26	1	4	STR	14'-5"	10	*B26	2	6	STR	30'-11"	93	B59	2	8	STR	31'-5"	168							
A27	1	4	STR	12'-7"	8	*B27	2	6	STR	31'-2"	94	B60	2	8	STR	31'-8"	169							
A28	1	4	STR	10'-8"	7	*B28	2	6	STR	31'-5"	94	B61	2	8	STR	31'-11"	170							
A29	1	4	STR	8'-10"	6	*B29	2	6	STR	31'-9"	95	B62	2	8	STR	32'-3"	172							
A30	1	4	STR	7'-0"	5	*B30	2	6	STR	32'-0"	96	B63	2	8	STR	32'-6"	174							
A31	1	4	STR	5'-1"	3	*B31	2	6	STR	32'-3"	97	B64	2	6	STR	32'-9"	175							
A32	1	4	STR	3'-3"	2	*B32	2	6	STR	32'-6"	98	B65	2	6	STR	33'-0"	176							
						*B33	1	6	STR	32'-9"	98	B66	1	6	STR	33'-3"	178							

SPlice LENGTH CHART	
SIZE	SPlice LENGTH
#4	1'-9"



END OF CURB WITHOUT SHOULDER BERM GUTTER

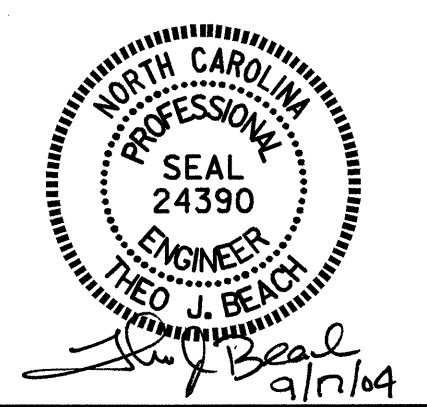
PROJECT NO. B-4058
CASWELL COUNTY
 STATION: 16+75.55 -L-

SHEET 2 OF 4

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

STANDARD
 BRIDGE APPROACH SLAB
 FOR PRESTRESSED CONCRETE
 CORED SLAB WITH
 BARRIER RAIL

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	S-23	
1			3			TOTAL SHEETS 25	
2			4				



ASSEMBLED BY: S.B. WILLIAMS DATE: 4/22/04
 CHECKED BY: P.C. BREWER DATE: 6/15/04
 DRAWN BY: LES 8/01 REV. 10/17/00 RWW/LES
 CHECKED BY: RDR 8/01 REV. 7/10/01 LES/RDR
 REV. 5/7/03R RWW/JTE