

SECTION THRU SLAB

† NORMAL TO END BENT

NOTES

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

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 BRIDGE APPROACH SLAB.

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.

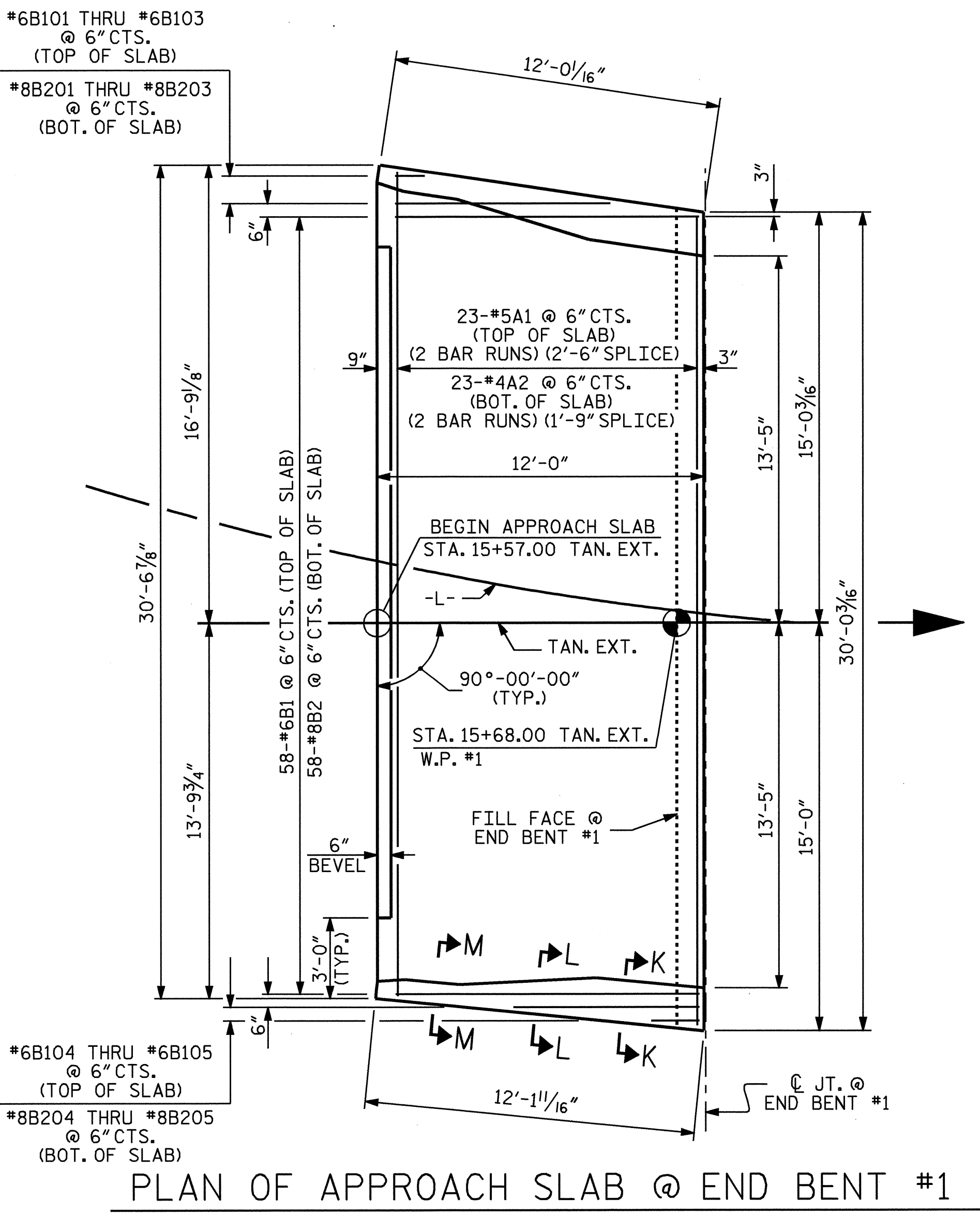
FOR JOINT DETAILS, SEE "PRESTRESSED CONCRETE CORED SLAB UNIT" SHEETS.

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

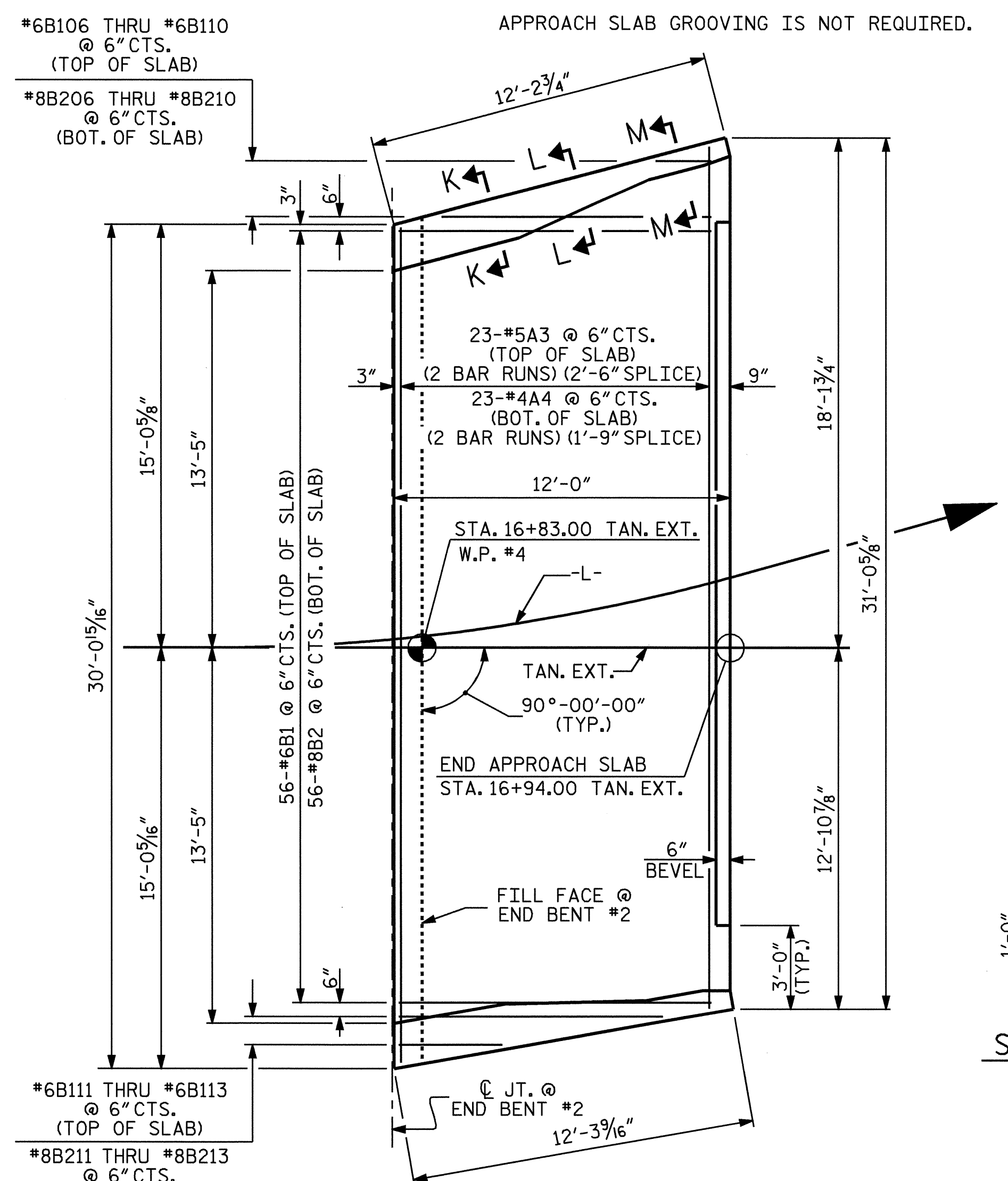
APPROACH SLAB GROOVING IS NOT REQUIRED.

BILL OF MATERIAL

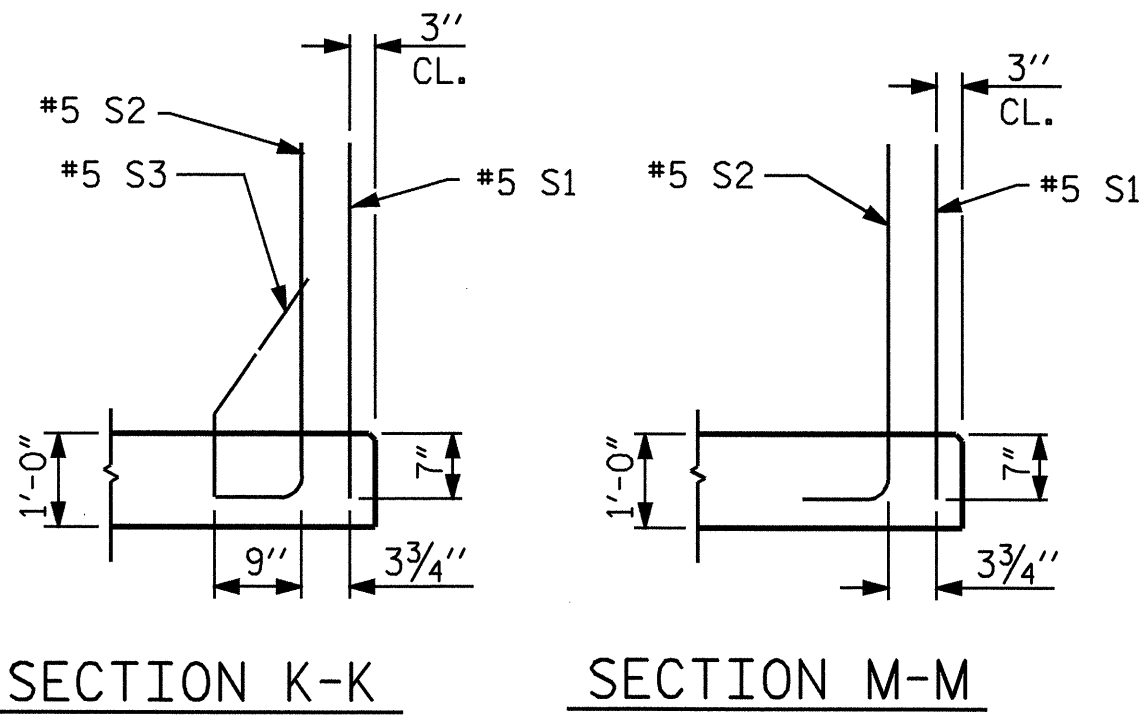
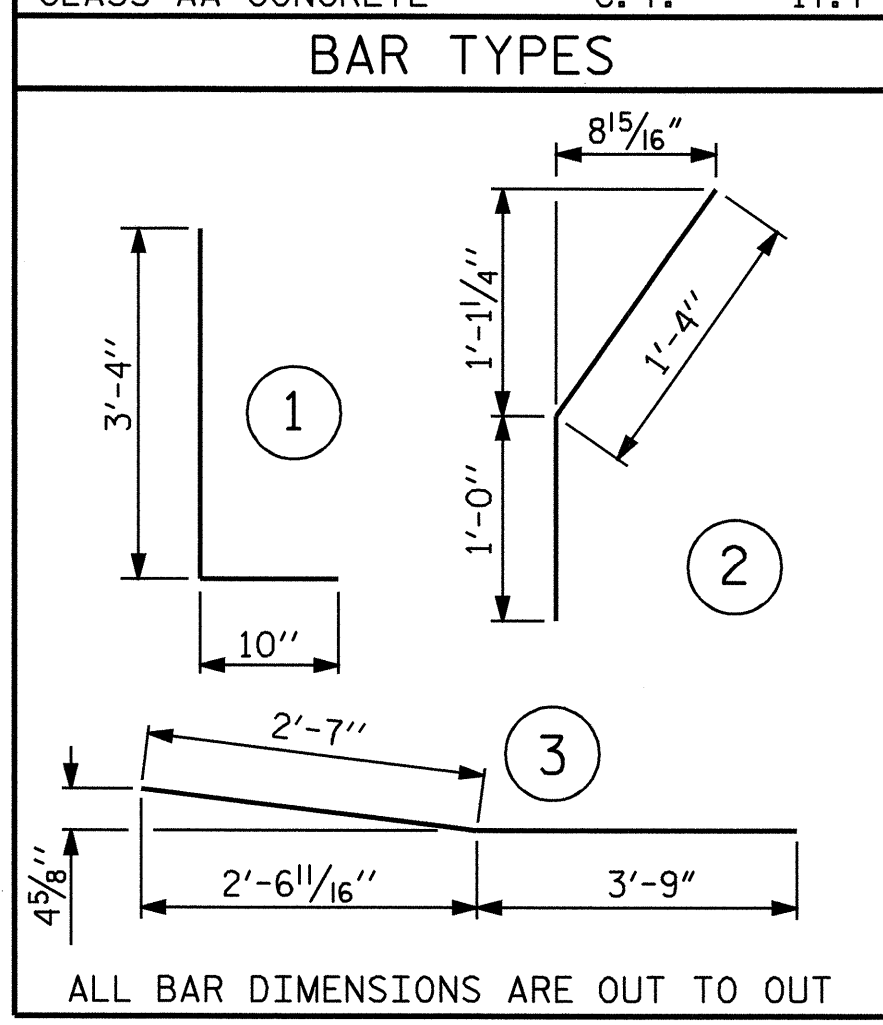
FOR APPROACH SLAB @ END BENT #1						FOR APPROACH SLAB @ END BENT #2					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	46	#5	STR	16'-5"	788	*A3	46	#5	STR	16'-8"	800
A2	46	#4	STR	16'-2"	497	A4	46	#4	STR	16'-4"	502
*B1	58	#6	STR	11'-2"	973	*B1	56	#6	STR	11'-2"	939
*B101	1	#6	STR	2'-2"	3	*B106	1	#6	STR	10'-1"	15
*B102	1	#6	STR	5'-6"	8	*B107	1	#6	STR	8'-2"	12
*B103	1	#6	STR	8'-11"	13	*B108	1	#6	STR	6'-3"	9
*B104	1	#6	STR	7'-8"	12	*B109	1	#6	STR	4'-5"	7
*B105	1	#6	STR	2'-7"	4	*B110	1	#6	STR	2'-6"	4
B2	58	#8	STR	11'-8"	1807	*B111	1	#6	STR	9'-5"	14
B201	1	#8	STR	8'-5"	22	*B112	1	#6	STR	6'-7"	10
B202	1	#8	STR	5'-0"	13	*B113	1	#6	STR	3'-8"	6
B203	1	#8	STR	1'-7"	4	B2	56	#8	STR	11'-8"	1744
B204	1	#8	STR	6'-10"	18	B206	1	#8	STR	10'-1"	27
B205	1	#8	STR	1'-9"	5	B207	1	#8	STR	8'-2"	22
*B3	2	#5	3	6'-4"	13	B208	1	#8	STR	6'-3"	17
*B4	14	#5	STR	11'-8"	170	B209	1	#8	STR	4'-5"	12
						B210	1	#8	STR	2'-6"	7
*S1	48	#5	STR	3'-4"	167	B211	1	#8	STR	9'-5"	25
*S2	48	#5	1	4'-2"	209	B212	1	#8	STR	6'-7"	18
*S3	20	#5	2	2'-4"	49	B213	1	#8	STR	3'-8"	10
						*B3	2	#5	3	6'-4"	13
						*B4	14	#5	STR	11'-8"	170
REINFORCING STEEL = 2366 LBS.						REINFORCING STEEL = 2384 LBS.					
*EPOXY COATED REINF. STEEL = 2409 LBS.						*EPOXY COATED REINF. STEEL = 2424 LBS.					
CLASS AA CONCRETE BREAKDOWN						CLASS AA CONCRETE BREAKDOWN					
POUR 1 SLAB C. Y. 15.0						POUR 1 SLAB C. Y. 15.1					
POUR 2 RAIL C. Y. 2.4						POUR 2 RAIL C. Y. 2.4					
CLASS AA CONCRETE C. Y. 17.4						CLASS AA CONCRETE C. Y. 17.5					



PLAN OF APPROACH SLAB @ END BENT #1



PLAN OF APPROACH SLAB @ END BENT #2



BAR TYPES

CLASS AA CONCRETE BREAKDOWN	C. Y.	WEIGHT
POUR 1 SLAB	C. Y.	15.1
POUR 2 RAIL	C. Y.	2.4
CLASS AA CONCRETE	C. Y.	17.5

SECTION L-L

PROJECT NO. B-3666
HENDERSON COUNTY
 STATION: 16+25.50 -L-

SHEET 1 OF 3

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

BRIDGE APPROACH SLAB FOR PRESTRESSED CONCRETE CORED SLAB WITH BARRIER RAIL

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-19
1			3			TOTALS
2			4			21

ASSEMBLED BY: Q.T.N./L.L.M. DATE: 03-05
 CHECKED BY: D. HODGE DATE: 03-05
 DRAWN BY: LES 8/01 REV. 10/17/00 RWW/LES
 CHECKED BY: RDR 8/01 REV. 7/10/01 LES/RDR
 REV. 5/17/03 REV. 5/17/03 RWW/JTE

