

END OF CURB WITHOUT SHOULDER BERM GUTTER

**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.

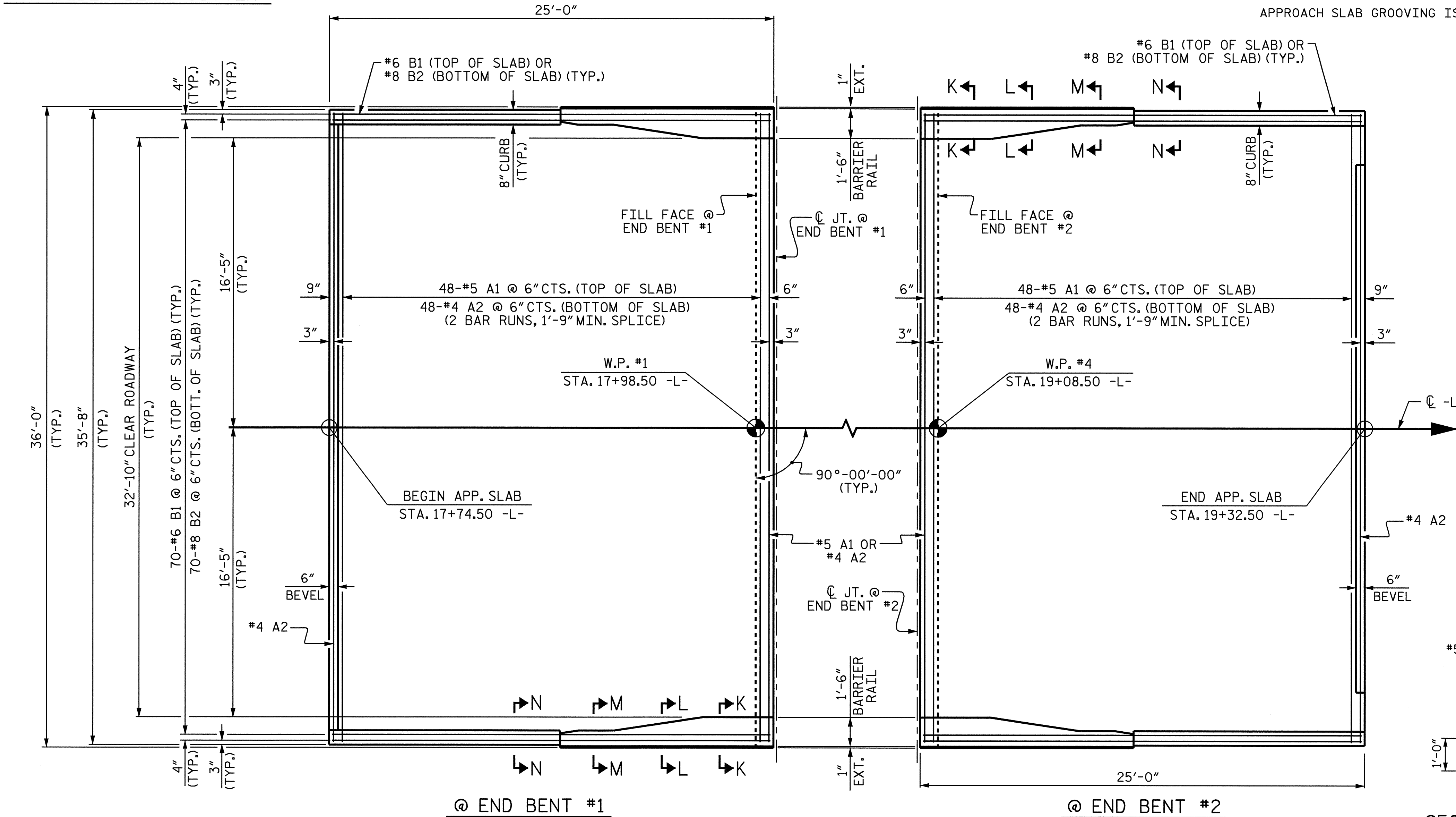
THE JOINT AT THE END BENT SHALL BE SEALED AS SOON AS PRACTICAL AFTER THE CONSTRUCTION OF THE APPROACH SLABS.

APPROACH SLAB GROOVING IS NOT REQUIRED.

**BILL OF MATERIAL**

**FOR ONE APPROACH SLAB (2 REQ'D)**

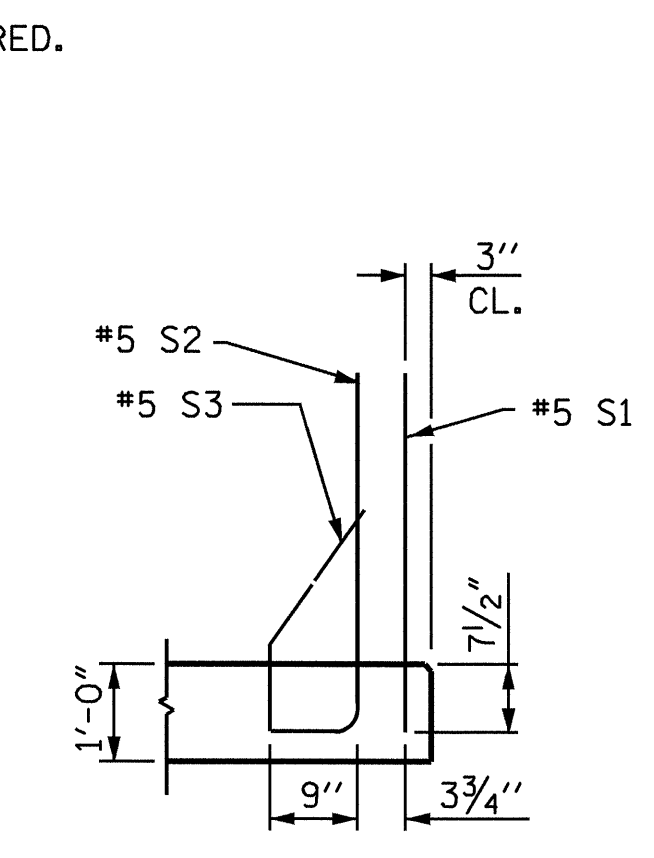
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	49	#5	STR	35'-4"	1806
A2	100	#4	STR	18'-9"	1253
*B1	72	#6	STR	24'-2"	2613
B2	72	#8	STR	24'-8"	4742
*B3	2	#5	3	6'-4"	13
*B4	14	#5	STR	11'-8"	170
*S1	48	#5	STR	3'-5"	171
*S2	48	#5	1	4'-3"	213
*S3	20	#5	2	2'-5"	50
REINFORCING STEEL				LBS.	5995
*EPOXY COATED REINFORCING STEEL				LBS.	5036
<b>CLASS AA CONCRETE BREAKDOWN</b>					
POUR 1 SLAB AND CURB				C. Y.	35.1
POUR 2 RAIL				C. Y.	2.4
CLASS AA CONCRETE				C. Y.	37.5



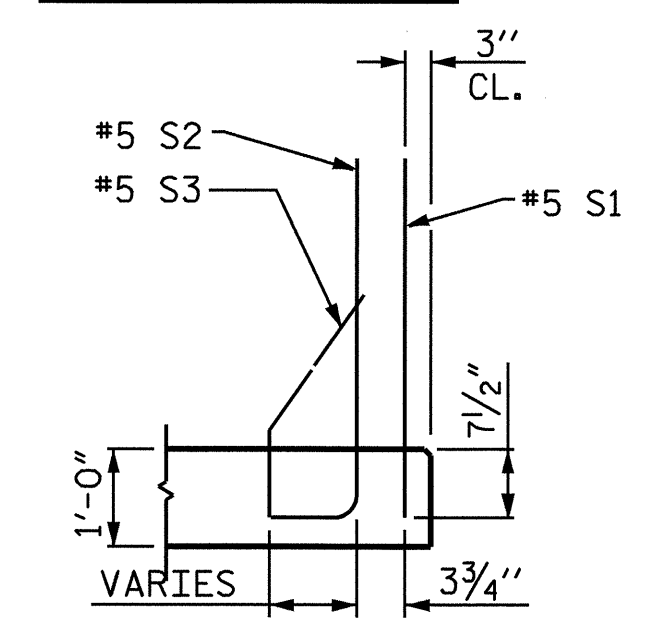
END BENT #1

**PLAN**

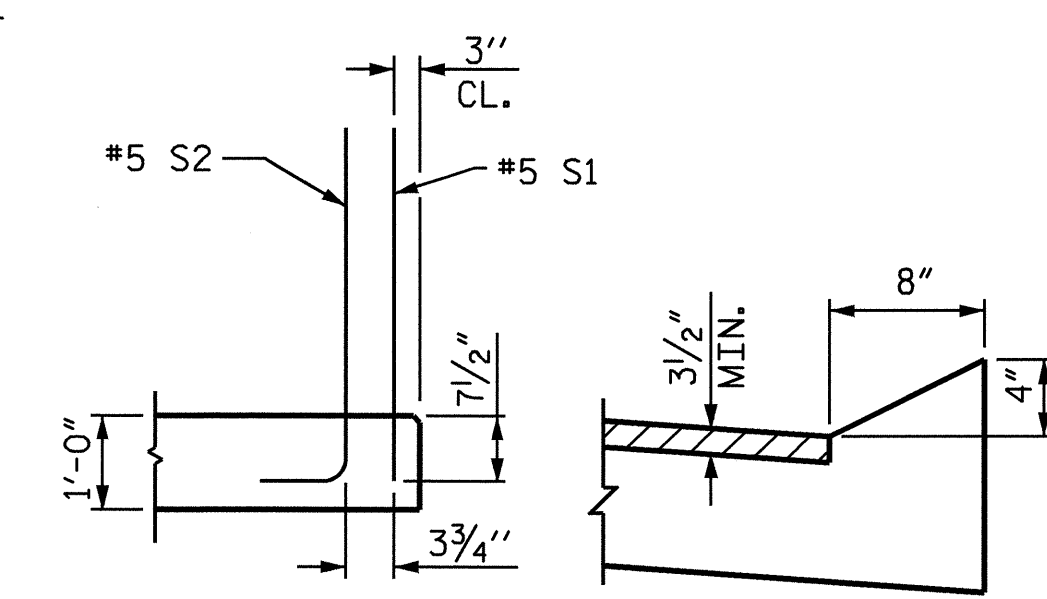
END BENT #2



**SECTION K-K**

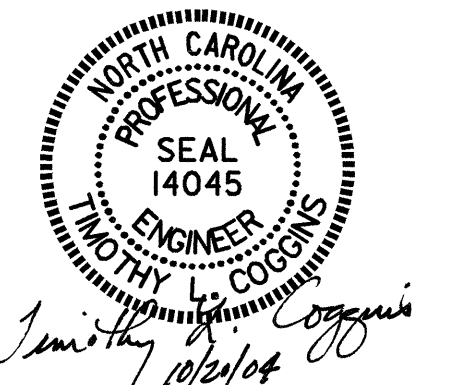
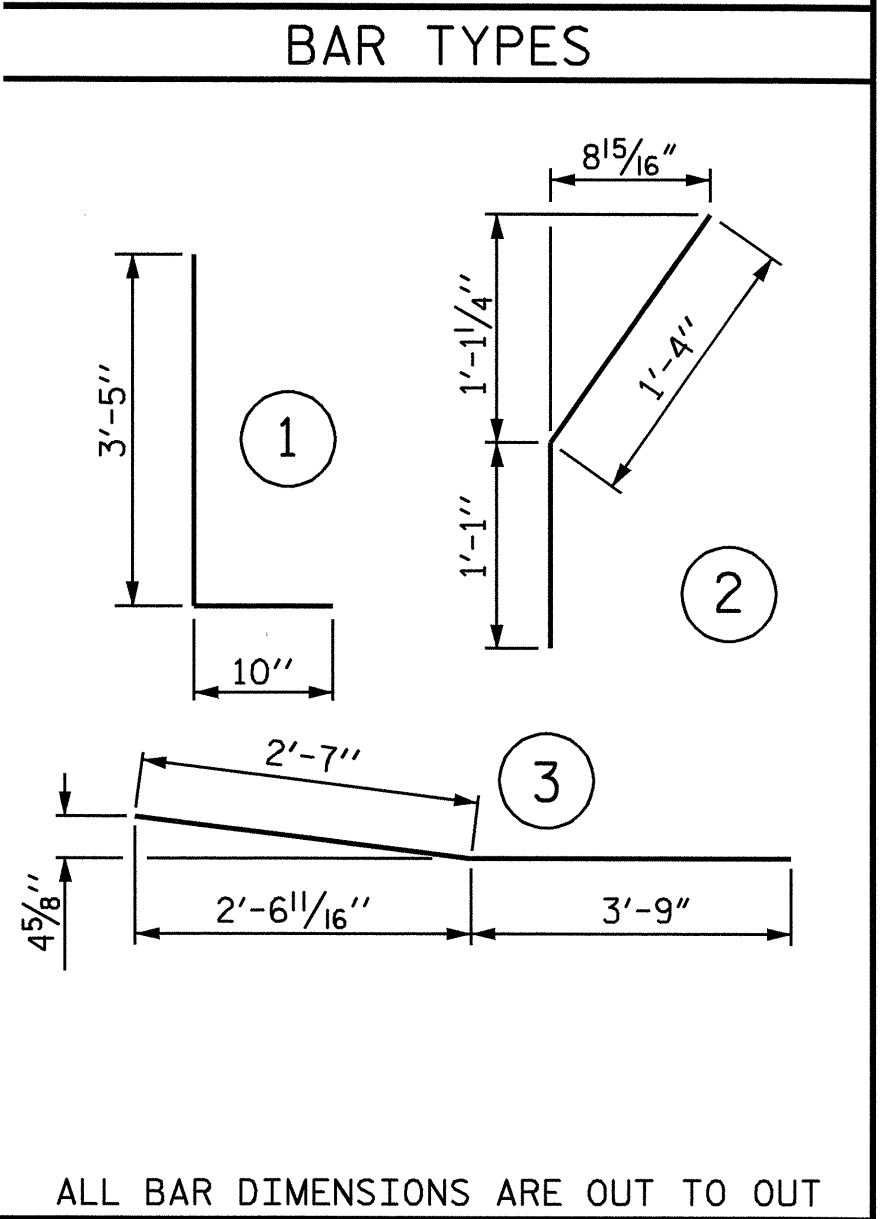


**SECTION L-L**



**SECTION M-M**

**SECTION N-N**



PROJECT NO. B-3711  
 WAYNE COUNTY  
 STATION: 18+53.50 -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-17
1			3			TOTAL SHEETS
2			4			19

ASSEMBLED BY : T.L. AVERETTE	DATE : 5-04
CHECKED BY : PEGGY ADKINS	DATE : 9-04
DRAWN BY : LES	8/01
CHECKED BY : RDR	8/01
REV. 10/17/00	RWW/LES
REV. 7/10/01	LES/RDR
REV. 5/7/03R	RWW/JTE