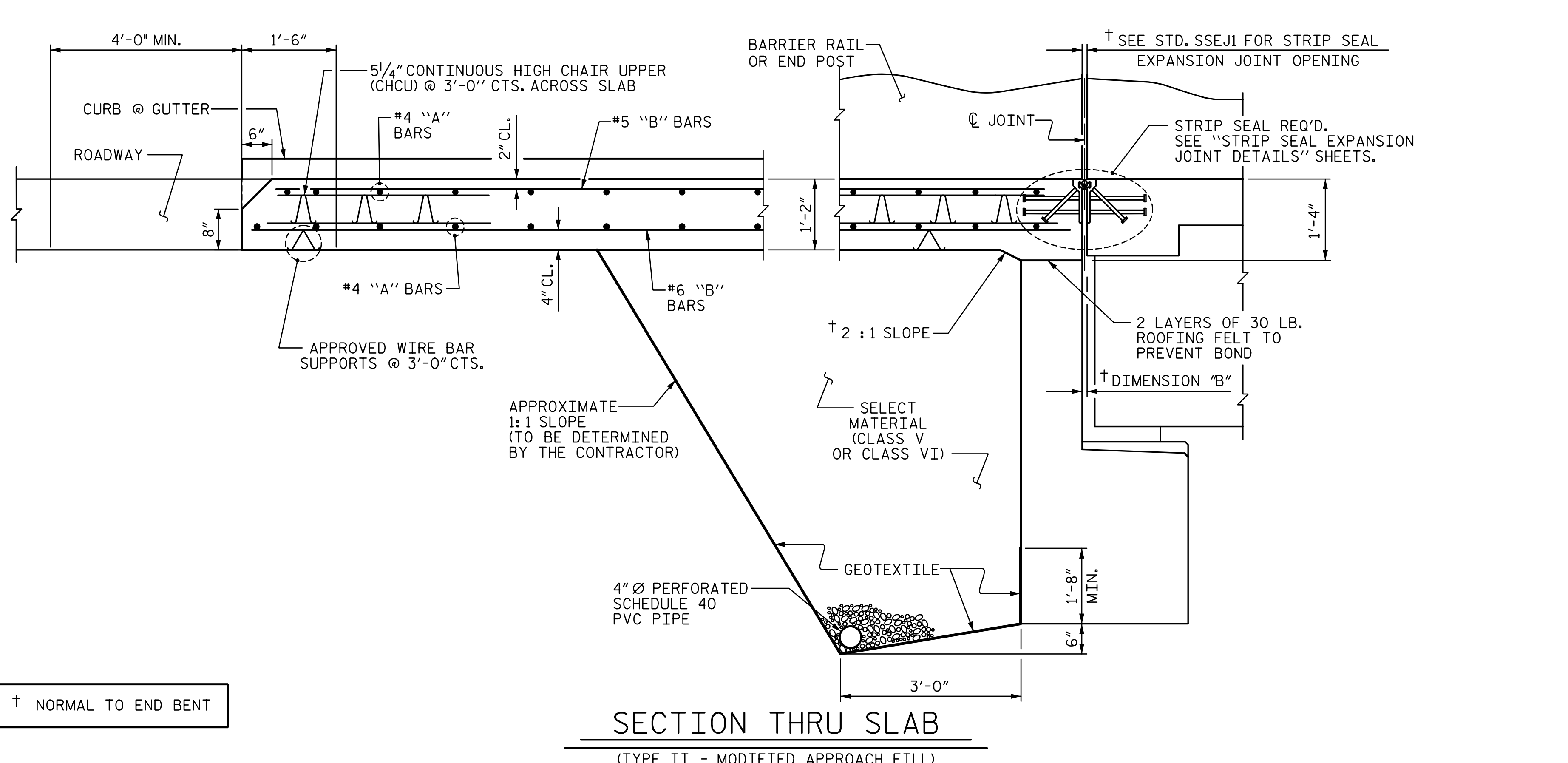
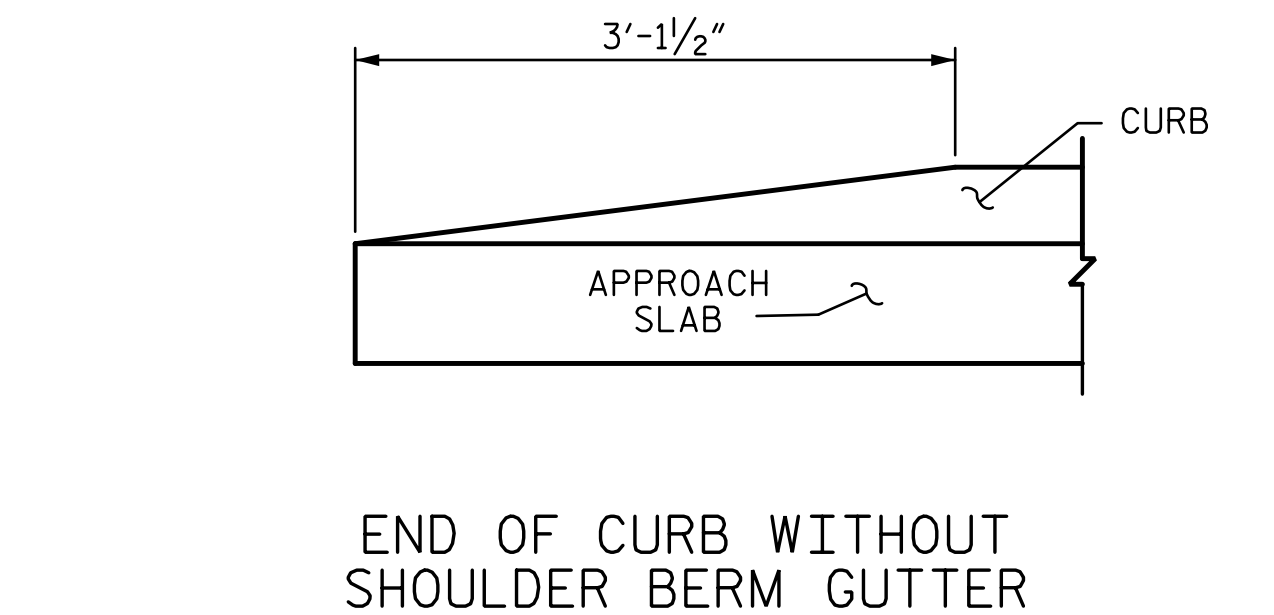
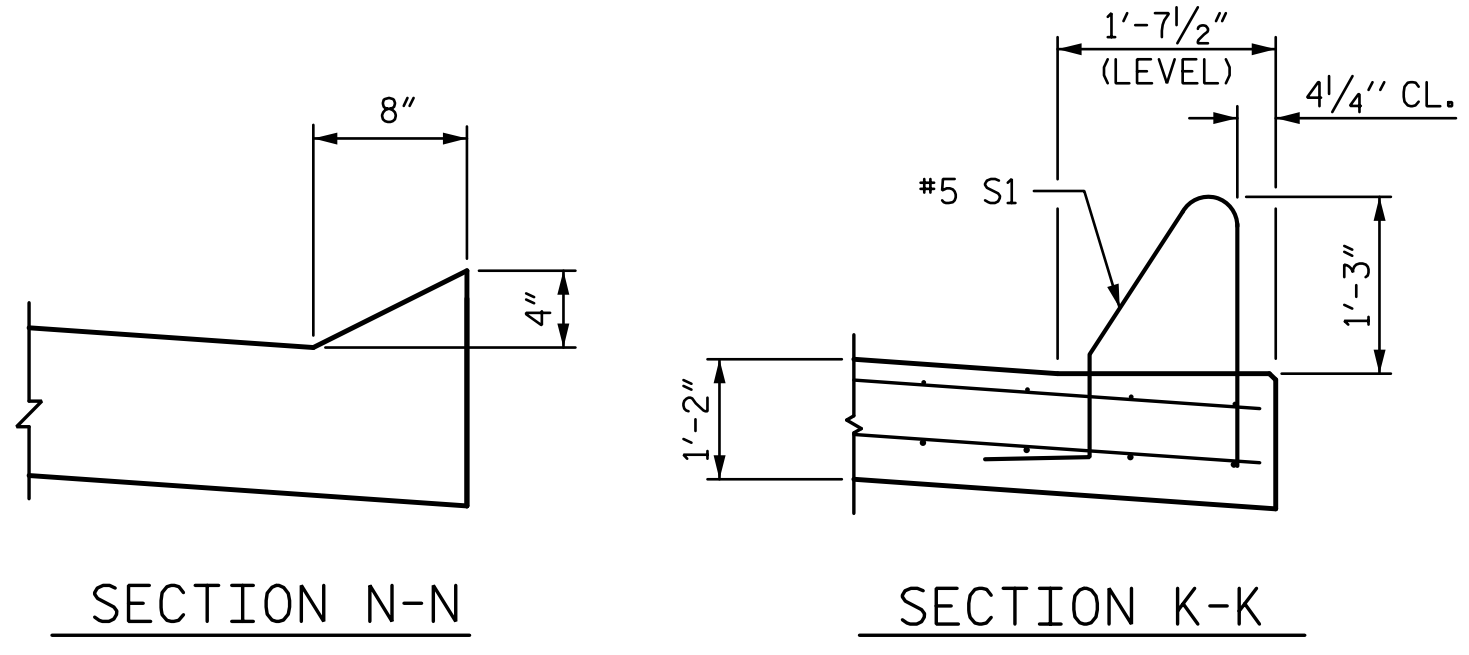


PLAN @ END BENT 1 PLAN @ END BENT 2
DIMENSIONS SHOWN ARE TYPICAL FOR BOTH APPROACH SLABS



SECTION THRU SLAB
(TYPE II - MODIFIED APPROACH FILL)



CURB DETAILS

NOTES

FOR BRIDGE APPROACH FILL INCLUDING GEOTEXTILE, 4" Ø DRAINAGE PIPE, AND SELECT MATERIAL BACKFILL, SEE ROADWAY PLANS.
 GEOTEXTILE SHALL BE TYPE 1 IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS SECTION 1056.
 SELECT MATERIAL BACKFILL (CLASS V OR CLASS VI) SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS SECTION 1016.
 SELECT MATERIAL BACKFILL IS TO BE CONTINUOUS ALONG FILL FACE OF BACKWALL FROM OUTSIDE EDGE TO OUTSIDE EDGE OF APPROACH SLAB.
 APPROACH SLAB SHALL NOT BE CONSTRUCTED PRIOR TO COMPLETION OF THE BRIDGE DECK.
 FOR THE 4" Ø DRAINAGE PIPE OUTLET(S), SEE ROADWAY STANDARD DRAWINGS.
 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.

SPLICE LENGTHS

BAR SIZE	EPOXY COATED	UNCOATED
#4	1'-11"	1'-7"
#5	2'-5"	2'-0"
#6	3'-7"	2'-5"

BILL OF MATERIAL						
APPROACH SLAB - STAGE I (2 REQ'D)						
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	
*A1	24	#4	STR	29'-2"	468	
A2	24	#4	STR	29'-2"	468	
*B1	51	#5	STR	24'-2"	1,285	
B2	51	#6	STR	24'-7"	1,883	
*B3	4	#5	STR	9'-8"	40	
B4	4	#6	STR	9'-8"	58	
REINFORCING STEEL **					LBS.	2,409
*EPOXY COATED REINFORCING STEEL **					LBS.	1,793
CLASS AA CONCRETE **					C. Y.	28.0
APPROACH SLAB - STAGE II (2 REQ'D)						
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	
*A3	48	#4	STR	9'-7"	307	
A4	48	#4	STR	9'-7"	307	
*B1	32	#5	STR	24'-2"	807	
B2	32	#6	STR	24'-7"	1,182	
*B3	4	#5	STR	9'-8"	40	
B4	4	#6	STR	9'-8"	58	
REINFORCING STEEL **					LBS.	1,547
*EPOXY COATED REINFORCING STEEL **					LBS.	1,154
CLASS AA CONCRETE **					C. Y.	17.7

** QUANTITIES FOR BARRIER RAIL NOT INCLUDED. SEE SHEET 2 OF 2.

DRAWN BY : L. YARBROUGH DATE : 09-2021
 CHECKED BY : A. PETER DATE : 09-2021
 DESIGN ENGINEER OF RECORD : VINCENT M. WU DATE : 10-2021

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

DRMP
 4235 SOUTH STREAM BLVD.
 SUITE 150,
 CHARLOTTE, NC 28217
 (704) 332-2289
 NC LICENSE NO. C-2213



PROJECT NO. BR-0029
 MACON COUNTY
 STATION: 15+52.07 -L-
 SHEET 1 OF 2

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
BRIDGE APPROACH SLAB FOR FLEXIBLE PAVEMENT					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO. S-32
 TOTAL SHEETS 33