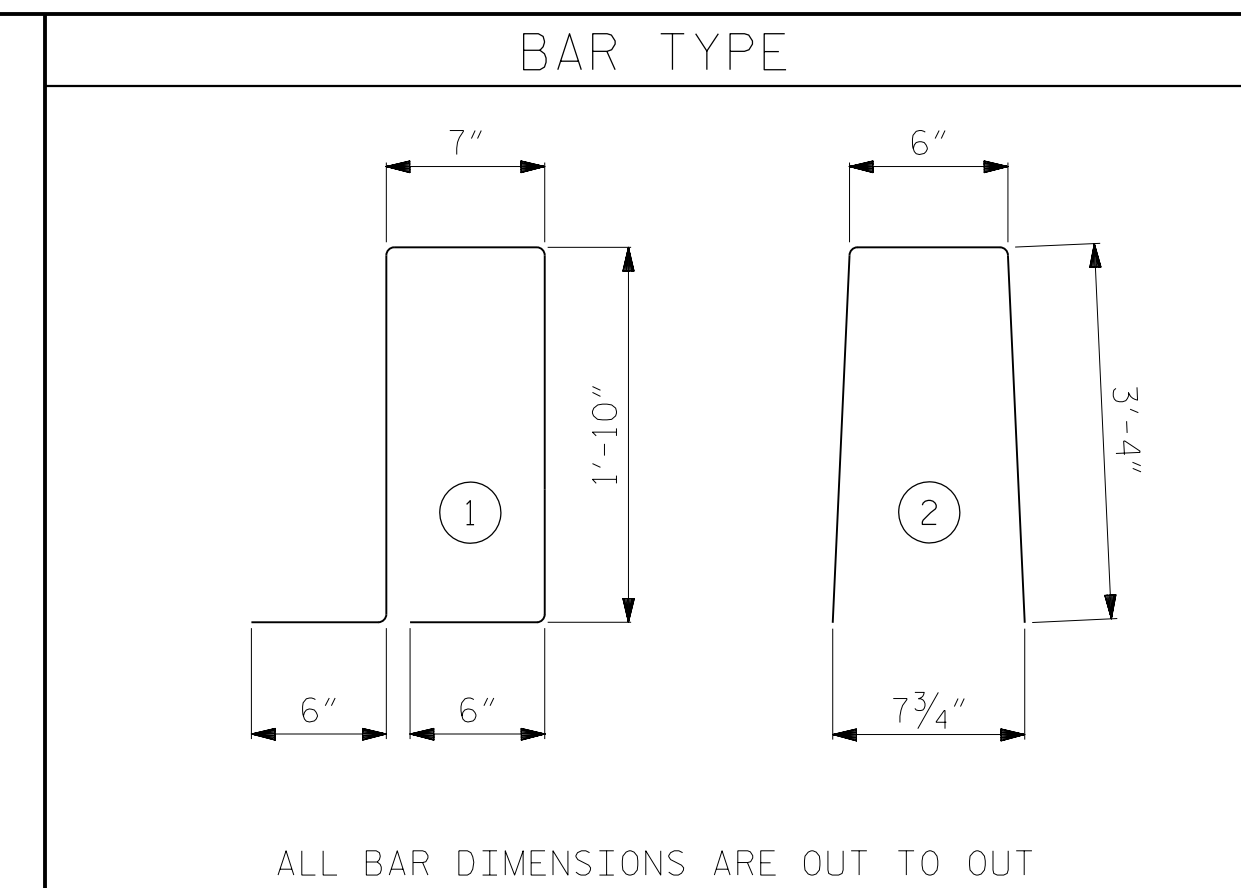


PLAN @ END BENT NO. 1 PLAN @ END BENT NO. 2  
DIMENSIONS SHOWN ARE TYPICAL FOR BOTH APPROACH SLABS



**NOTES**

FOR BRIDGE APPROACH FILL INCLUDING GEOTEXTILE, 6" 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 CAP FROM OUTSIDE EDGE TO OUTSIDE EDGE OF APPROACH SLAB.

APPROACH SLAB SHALL NOT BE CONSTRUCTED PRIOR TO COMPLETION OF THE BRIDGE CONCRETE WEARING SURFACE.

FOR THE 6" 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.

THE ENTIRE COST FOR VERTICAL CONCRETE BARRIER RAIL ON APPROACH SLAB IS INCLUDED IN THE LINEAR FOOT CONTRACT PRICE FOR VERTICAL CONCRETE BARRIER RAIL.

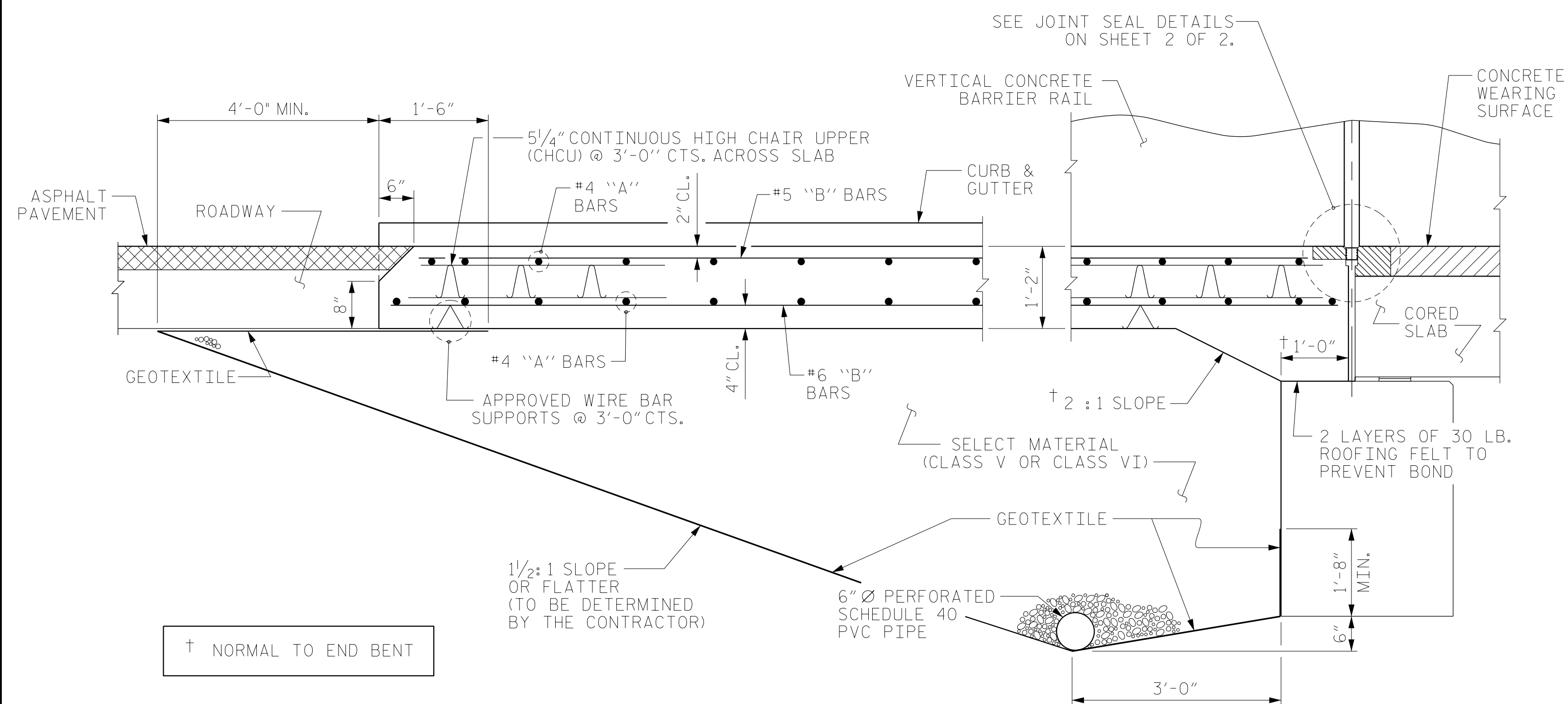
THE VERTICAL CONCRETE BARRIER RAIL SHALL NOT BE CAST UNTIL APPROACH SLAB CONCRETE HAS BEEN CAST AND REACHED A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.

FOR FOAM JOINT SEAL DETAILS, SEE SHEET 2 OF 2.

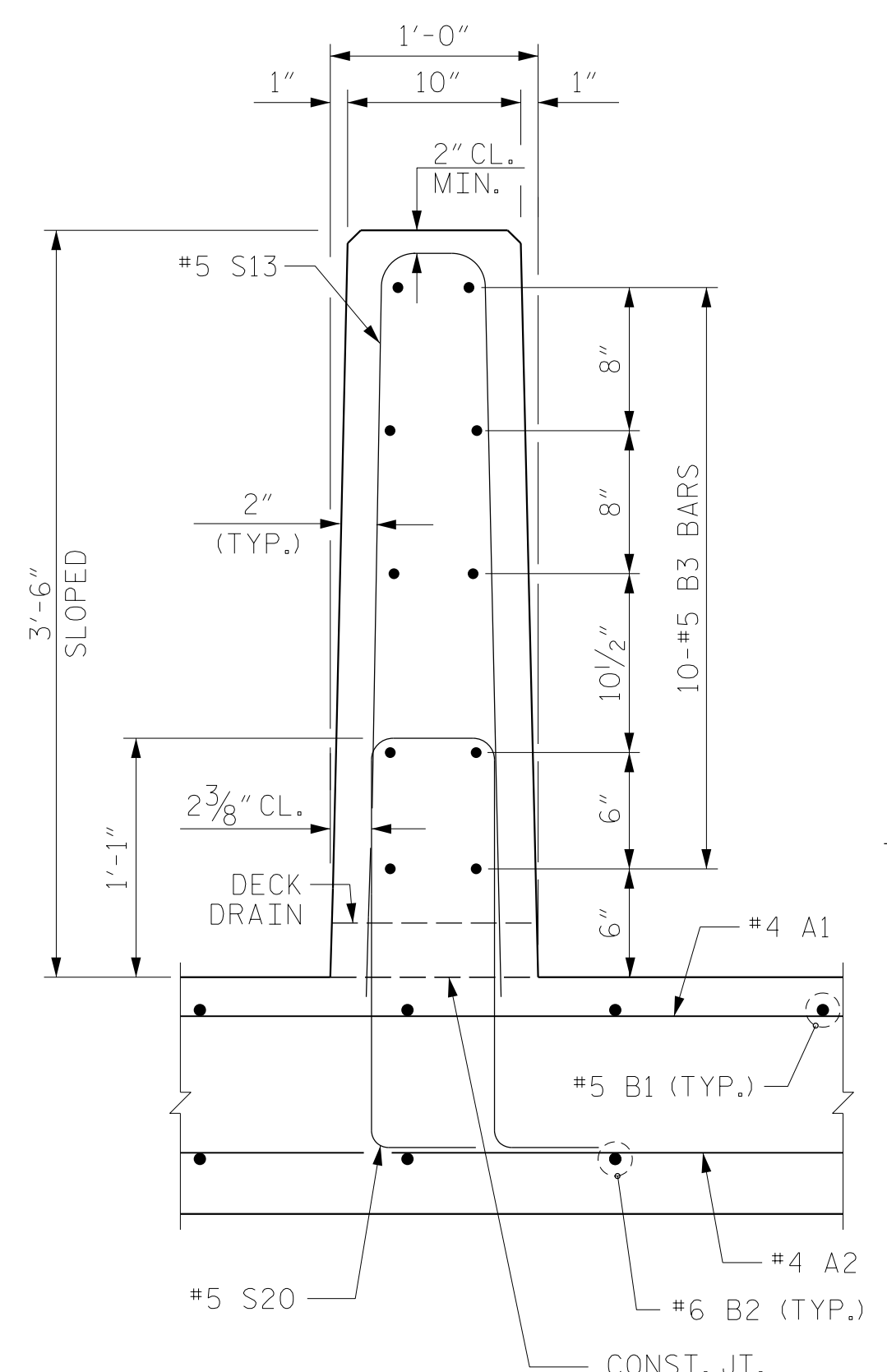
ALL REINFORCING STEEL IN THE VERTICAL CONCRETE BARRIER RAIL SHALL BE EPOXY COATED.

BILL OF MATERIAL					
APPROACH SLAB AT END BENT NO. 1					
BAR NO.	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	50	#4	STR.	22'-3"	743
A2	52	#4	STR.	22'-1"	767
*B1	85	#5	STR.	24'-2"	2142
B2	85	#6	STR.	24'-8"	3149
*S20	26	#5	1	5'-3"	142
REINFORCING STEEL					3,916 LBS.
* EPOXY COATED REINFORCING STEEL					3,027 LBS.
CLASS AA CONCRETE					51.6 C.Y.
APPROACH SLAB AT END BENT NO. 2					
BAR NO.	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	50	#4	STR.	22'-3"	743
A2	52	#4	STR.	22'-1"	767
*B1	85	#5	STR.	24'-2"	2142
B2	85	#6	STR.	24'-8"	3149
*S20	26	#5	1	5'-3"	142
REINFORCING STEEL					3,916 LBS.
* EPOXY COATED REINFORCING STEEL					3,027 LBS.
CLASS AA CONCRETE					51.6 C.Y.
VERTICAL CONCRETE BARRIER RAIL FOR TWO APPROACH SLABS					
BAR NO.	NO.	SIZE	TYPE	LENGTH	WEIGHT
*B3	20	#5	STR.	24'-8"	515
*S13	52	#5	2	7'-2"	389
* EPOXY COATED REINFORCING STEEL					904 LBS.
CLASS AA CONCRETE					6.5 C.Y.
VERTICAL CONCRETE BARRIER RAIL					50.0 LIN. FT.

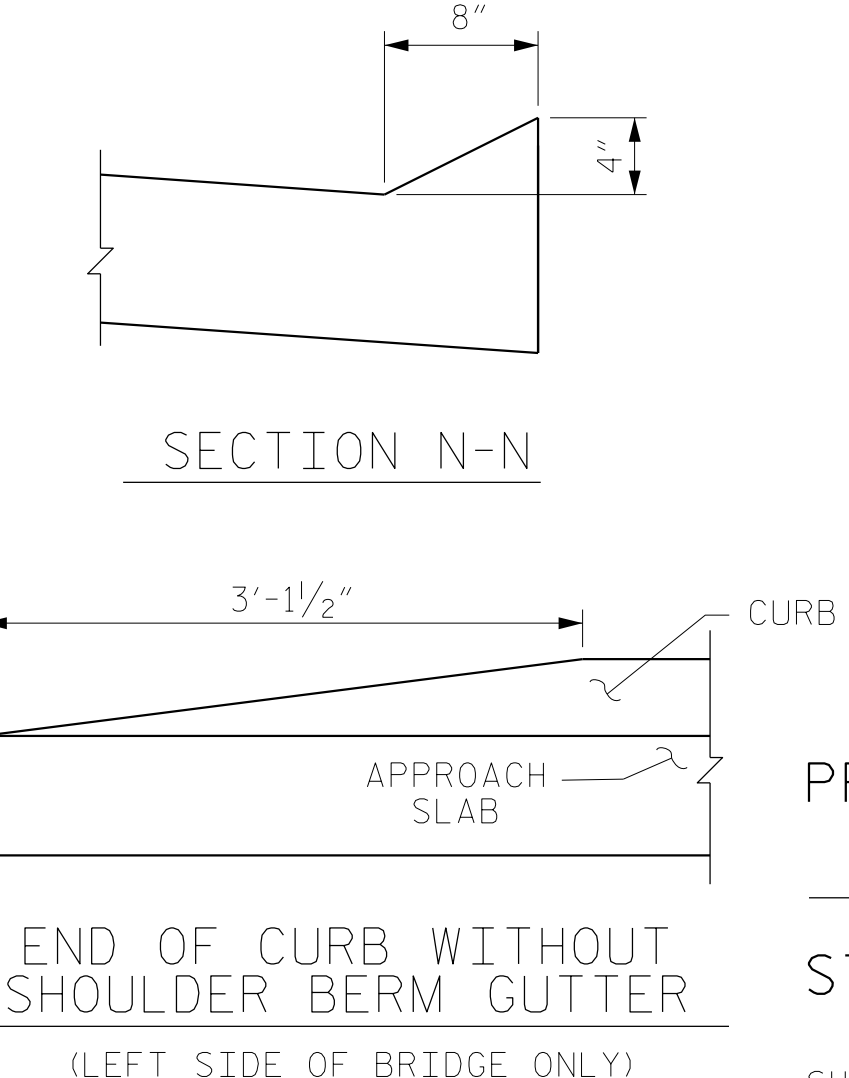
SPLICE LENGTHS		
BAR SIZE	EPOXY COATED	UNCOATED
#4	1'-11"	1'-7"
#5	2'-5"	2'-0"
#6	3'-7"	2'-5"



SECTION THRU SLAB  
(TYPE I - STANDARD APPROACH FILL)



SECTION K-K



END OF CURB WITHOUT SHOULDER BERM GUTTER  
(LEFT SIDE OF BRIDGE ONLY)

DRAWN BY : NSC DATE : 01/2022  
 CHECKED BY : MRA DATE : 01/2023  
 DESIGN ENGINEER OF RECORD: RLB DATE : 03/2023

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



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PROJECT NO. BR-0160  
 BRUNSWICK COUNTY  
 STATION: 21+77.50 -L-

SHEET 1 OF 2

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-41
1			3			TOTAL SHEETS 42
2			4			

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 BRIDGE APPROACH SLAB