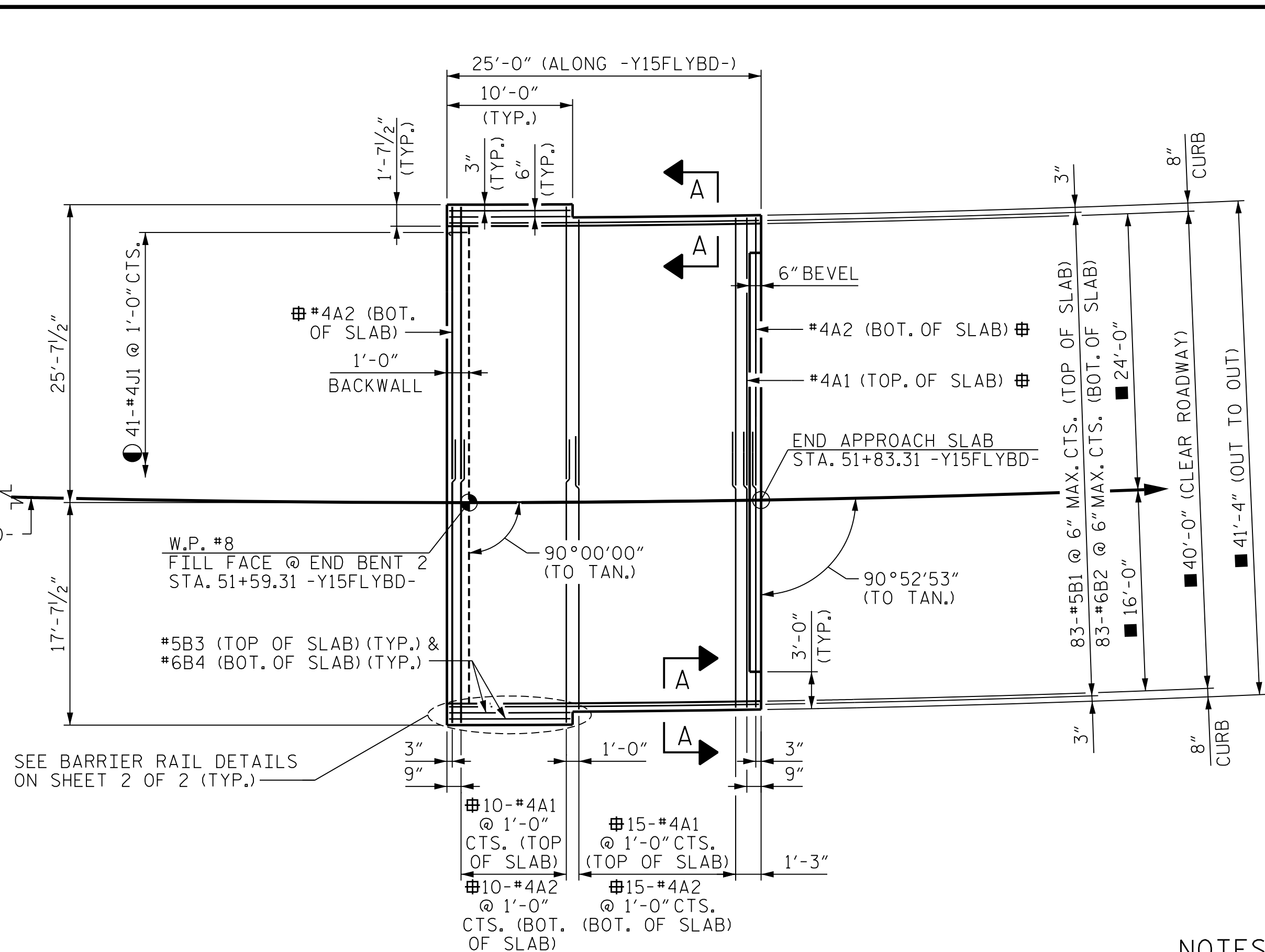
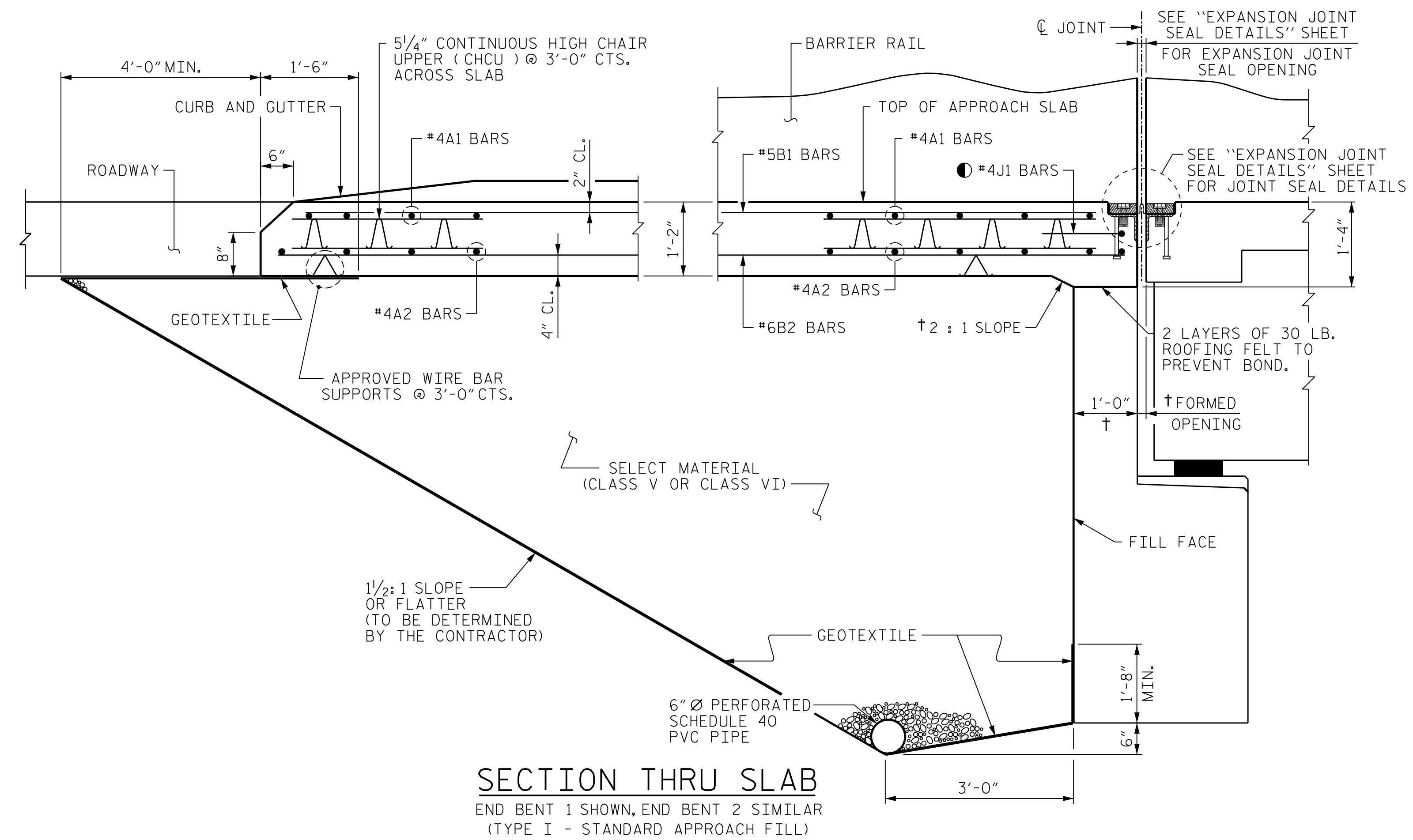


PLAN AT END BENT 1

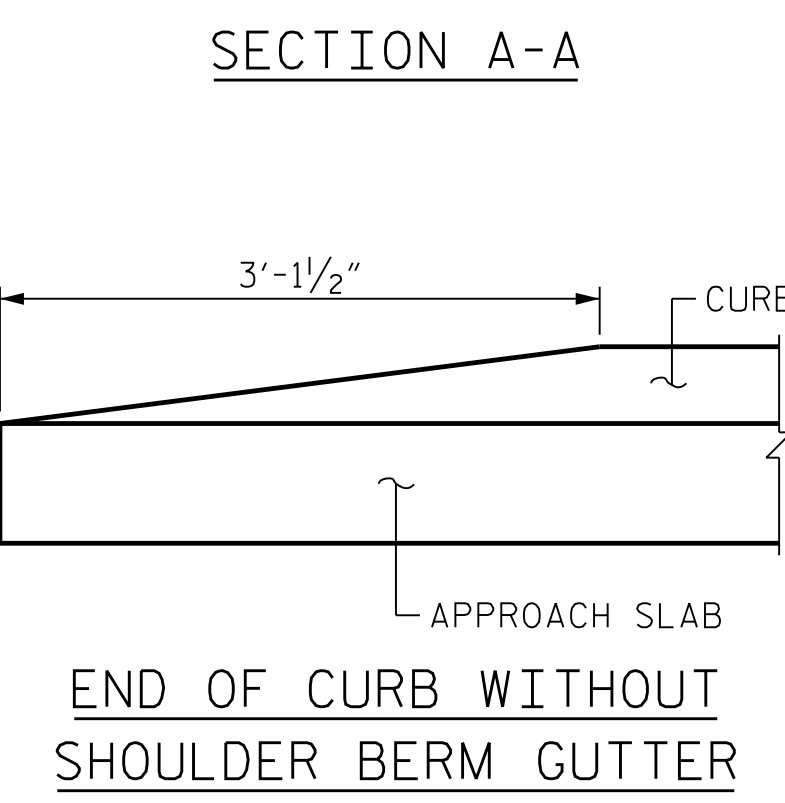
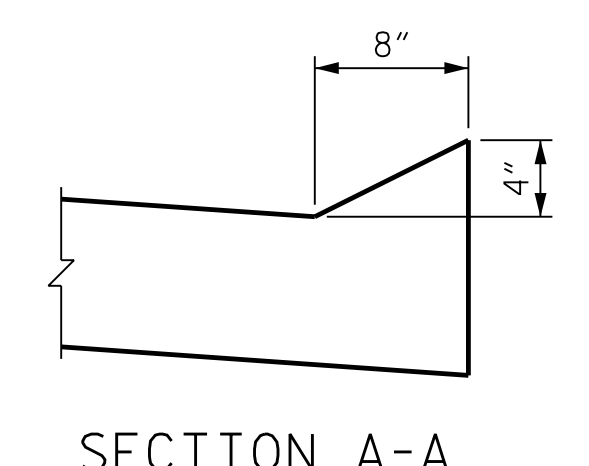


PLAN AT END BENT 2



SECTION THRU SLAB  
END BENT 1 SHOWN, END BENT 2 SIMILAR  
(TYPE I - STANDARD APPROACH FILL)

- = FOR PLACEMENT OF #4J1 BARS SEE "EXPANSION JOINT SEAL DETAILS" SHEET
- △ = CONCRETE QUANTITY DOES NOT INCLUDE BARRIER RAIL
- † = NORMAL TO END BENT
- = RADIAL DIMENSION
- ⊕ = 2 BAR RUN



CURB DETAILS

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



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 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 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.

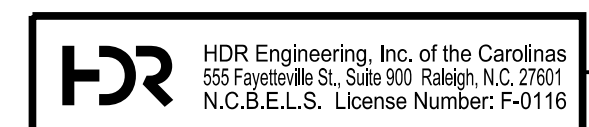
BILL OF MATERIAL					
APPROACH SLAB 1					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	50	#4	STR.	22'-5"	749
A2	52	#4	STR.	22'-3"	773
*B1	83	#5	STR.	23'-10"	2,064
B2	83	#6	STR.	24'-4"	3,034
*B3	4	#5	STR.	9'-8"	41
B4	4	#6	STR.	9'-8"	59
*J1	41	#4	1	1'-5"	39
REINFORCING STEEL					3,866 LBS.
*EPOXY COATED REINFORCING STEEL					2,893 LBS.
△ CLASS AA CONCRETE					45.6 C.Y.
APPROACH SLAB 2					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	50	#4	STR.	22'-5"	749
A2	52	#4	STR.	22'-3"	773
*B1	83	#5	STR.	23'-10"	2,064
B2	83	#6	STR.	24'-4"	3,034
*B3	4	#5	STR.	9'-8"	41
B4	4	#6	STR.	9'-8"	59
*J1	41	#4	1	1'-5"	39
REINFORCING STEEL					3,866 LBS.
*EPOXY COATED REINFORCING STEEL					2,893 LBS.
△ CLASS AA CONCRETE					45.6 C.Y.
BAR TYPES					
(ALL BAR DIMENSIONS ARE OUT TO OUT)					

PROJECT NO. U-2579AB  
 FORSYTH COUNTY  
 STATION: 47+63.62 -Y15FLYBD-  
 SHEET 1 OF 2

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
BRIDGE APPROACH SLAB PLAN AND SECTION					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1	--	--	3	--	--
2	--	--	4	--	--

PLOT DRIVER: NCDOT.pdf\_color\_eng-50.ppt  
 USER: PPETERSO  
 DATE: 10/17/2021  
 TIME: 8:31:32 AM  
 FILE: ...NBRIDGE

DES BY: L. ZAMPETTI DATE: 07/19  
 DES CHK: J. ROBERTS DATE: 07/19  
 DWG BY: M. SELLS DATE: 07/19  
 CHK BY: S. NIFONG DATE: 12/19



10/11/2021  
 DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED

SHEET NO. S05-115  
 TOTAL SHEETS 116