

BILL OF MATERIAL

APPROACH SLAB AT EB 1					
BAR NO.	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	48	#4	STR	22'-0"	705
A2	50	#4	STR	21'-10"	729
*B1	79	#5	STR	24'-2"	1,991
B2	79	#6	STR	24'-8"	2,927
*B5	8	#5	STR	5'-10"	49
B6	8	#6	STR	5'-11"	71
*J1	40	#4	1	1'-5"	38

REINFORCING STEEL ** LBS. 3,727
 * EPOXY COATED REINFORCING STEEL ** LBS. 2,783

CLASS AA CONCRETE ** C. Y. 44.0

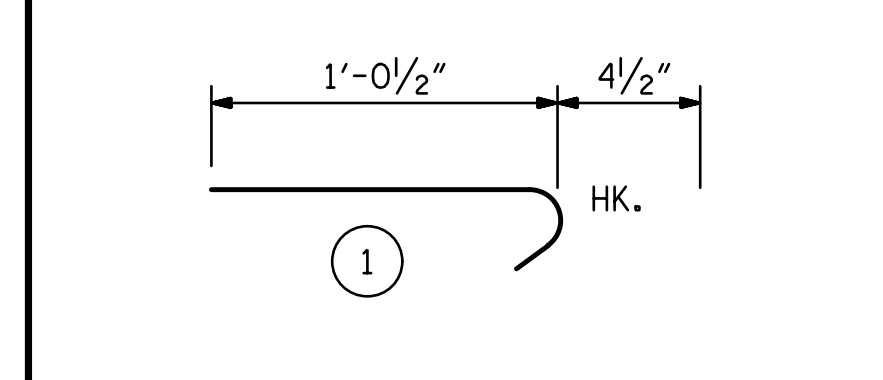
APPROACH SLAB AT EB 2

BAR NO.	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A3	46	#4	STR	23'-5"	720
A4	48	#4	STR	23'-3"	745
*B3	81	#5	STR	23'-10"	2,014
B4	81	#6	STR	24'-5"	2,971
*B7	8	#5	STR	6'-5"	54
B8	8	#6	STR	6'-6"	78
*J1	42	#4	1	1'-5"	40

REINFORCING STEEL ** LBS. 3,794
 * EPOXY COATED REINFORCING STEEL ** LBS. 2,828

CLASS AA CONCRETE ** C. Y. 44.1

BAR TYPE



ALL BAR DIMENSIONS ARE OUT TO OUT
 ** QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED. SEE SHEET 2 OF 2.

THE QUANTITY OF #4 J1 BARS ON THE BILL OF MATERIAL IS BASED ON 1'-0" CENTERS. J1 BARS SHALL BE PLACED AT EACH VERTICAL STUD ANCHOR BOLT. IN THE EVENT THAT THE NUMBER OF VERTICAL STUD ANCHORS EXCEEDS THE NUMBER OF J1 BARS SPECIFIED, ADDITIONAL J1 BARS WILL NOT BE REQUIRED.

NOTES:
 APPROACH SLAB SHALL NOT BE CONSTRUCTED PRIOR TO COMPLETION OF THE BRIDGE DECK.
 FOR REINFORCED BRIDGE APPROACH FILL INCLUDING GEOTEXTILE, IMPERMEABLE GEOMEMBRANE, 4" Ø DRAINAGE PIPE, #78M STONE, AND SELECT MATERIAL, SEE ROADWAY PLANS.
 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.
 FOR EXPANSION JOINT SEALS, SEE SPECIAL PROVISIONS.
 FOR CONCRETE BARRIER RAIL ON APPROACH SLABS, BILL OF MATERIAL AND ADDITIONAL DETAILS, SEE SHEET 2 OF 2.

SPLICE LENGTHS

BAR SIZE	EPOXY COATED	UNCOATED
#4	2'-0"	1'-9"
#5	2'-6"	2'-2"
#6	3'-10"	2'-7"

PROJECT NO. U-4751
 NEW HANOVER COUNTY
 STATION: 35+12.05 -Y8RPDB-

SHEET 1 OF 2

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

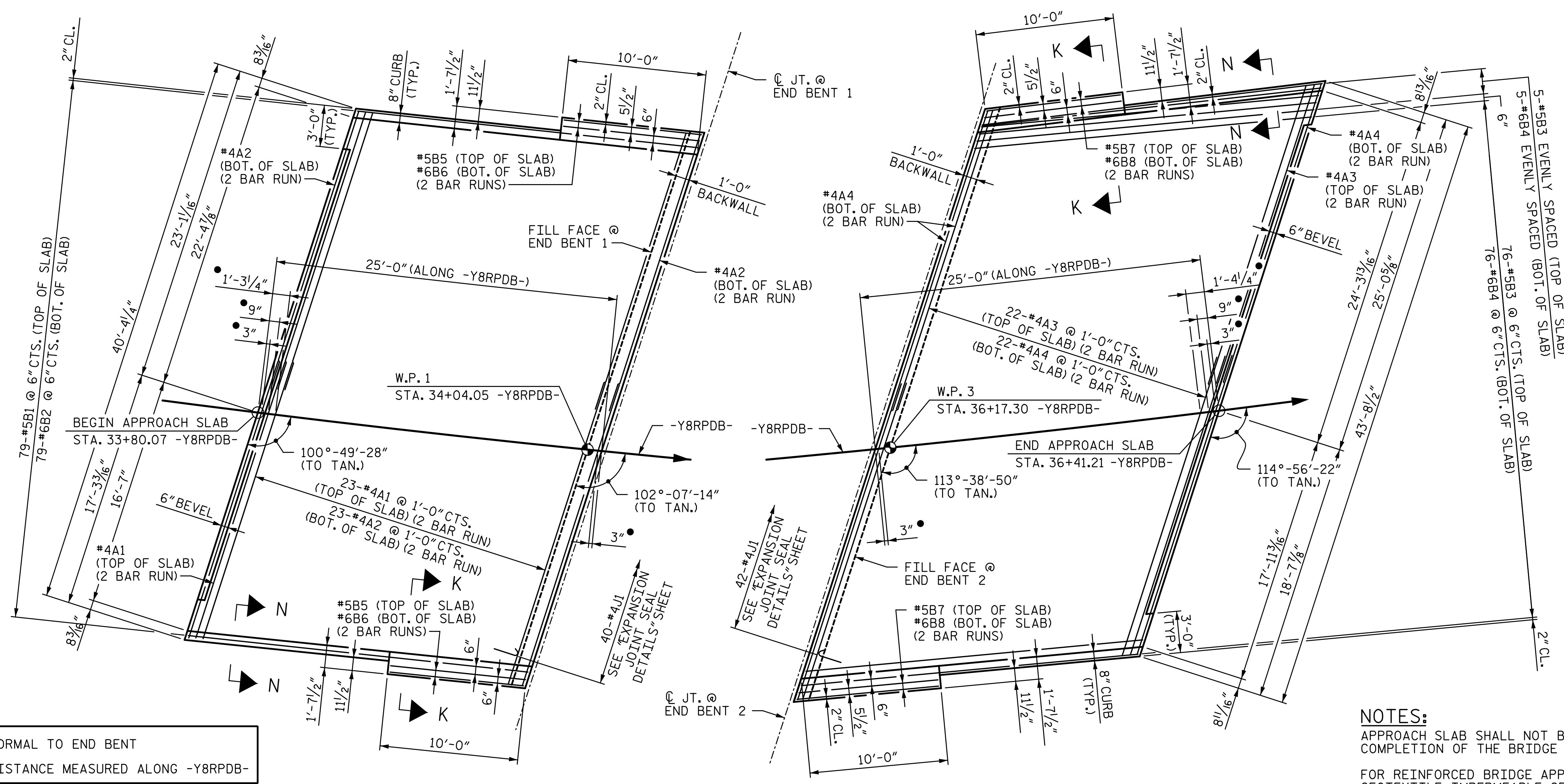
STV ENGINEERS, INC.
 900 West Trade St., Suite 715
 Charlotte, NC 28202
 NC License Number F-5991

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

BRIDGE APPROACH SLAB

REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

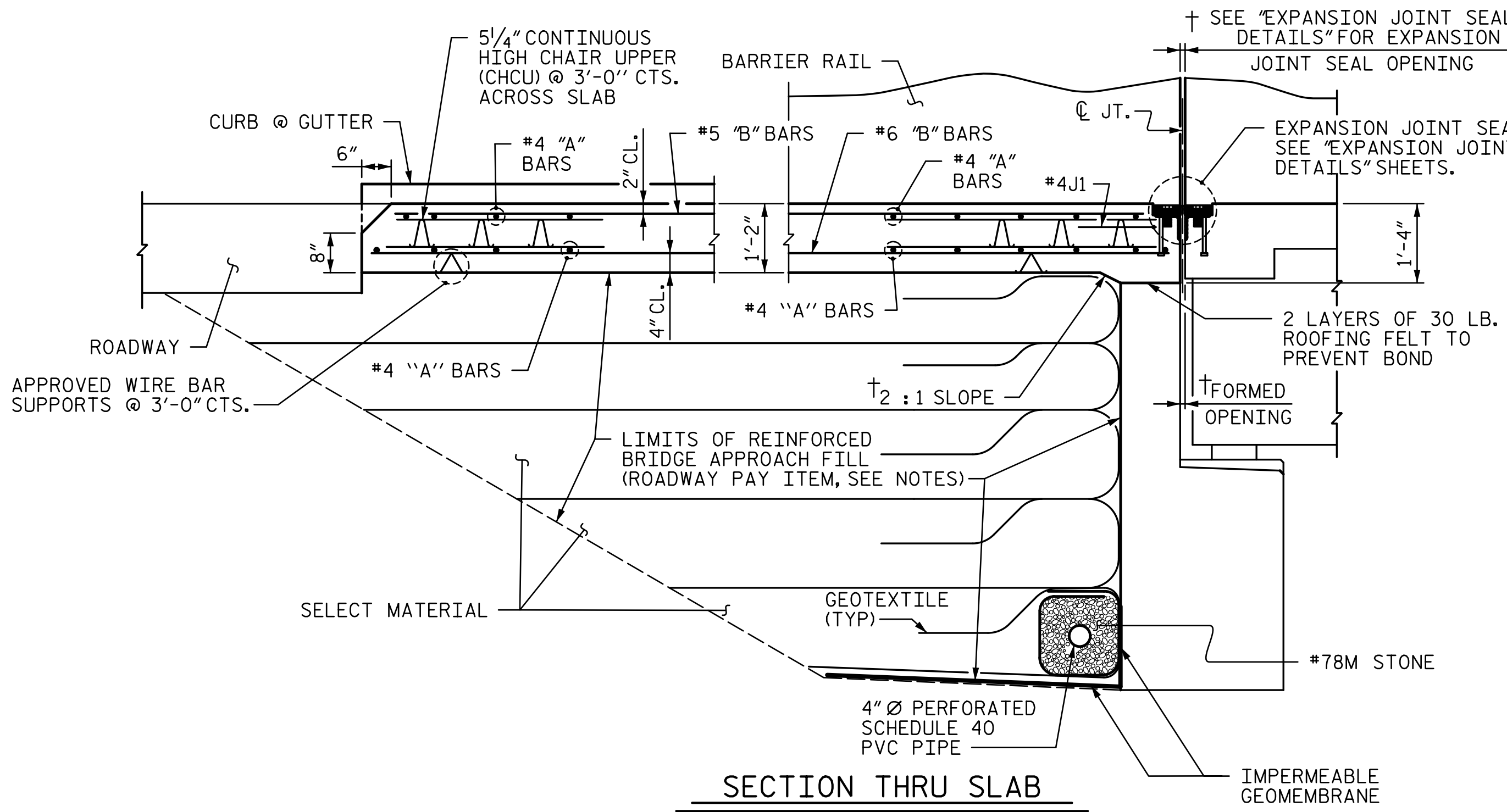
SHEET NO. S4-35
 TOTAL SHEETS 36



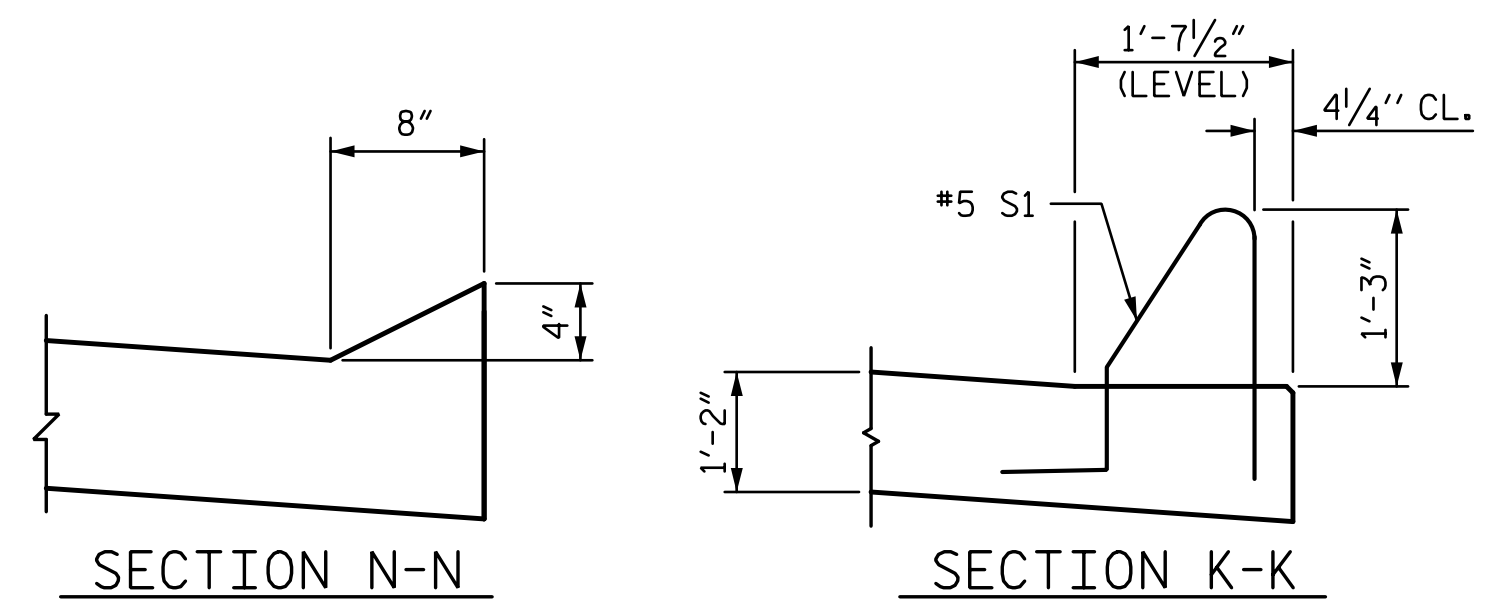
† NORMAL TO END BENT
 ● DISTANCE MEASURED ALONG -Y8RPDB-

PLAN AT END BENT 1

PLAN AT END BENT 2



SECTION THRU SLAB



SECTION N-N

SECTION K-K

END OF CURB WITHOUT SHOULDER BERM GUTTER CURB DETAILS

DRAWN BY: MBC DATE: 3-17
 CHECKED BY: TRL DATE: 4-17
 DESIGN ENGINEER OF RECORD: T. LAWS DATE: 5-17

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