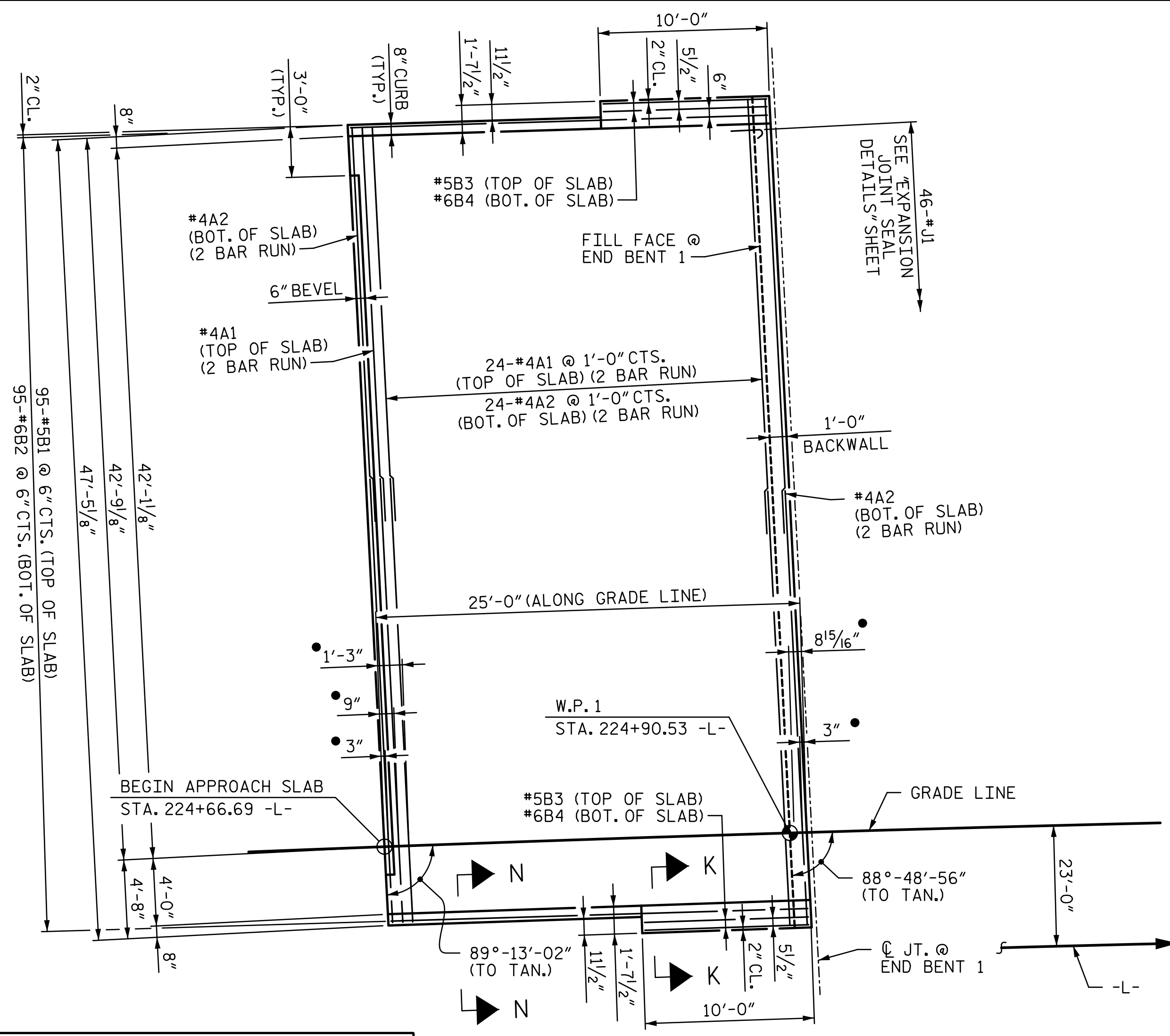
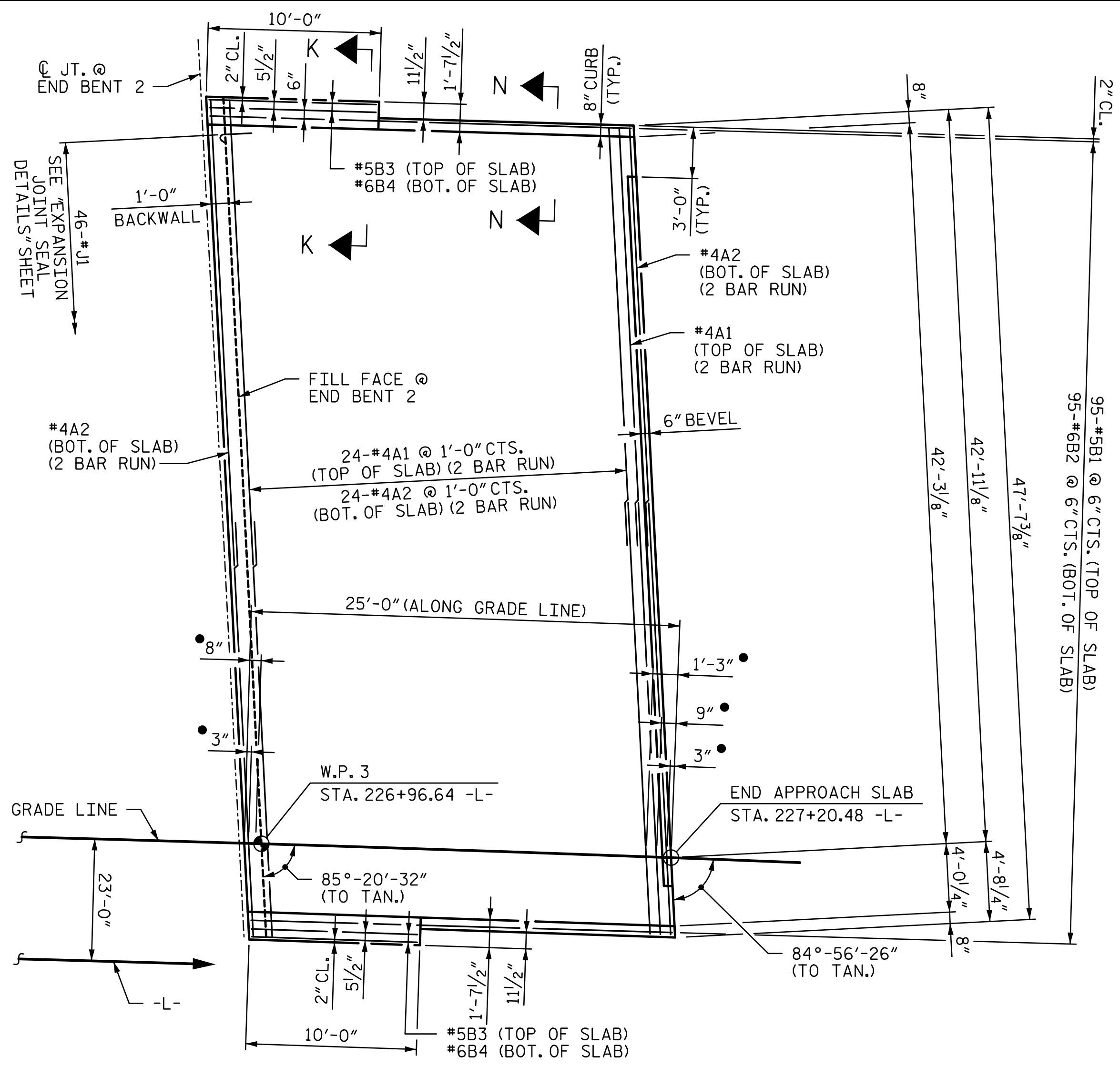


\\\USPADG\fs02\vol3\Projects\4018617\_000\50\Deliverables & Submittals\U-4751\Structures\Bridges & Submittals\U-4751\Structures\Bridges & Submittals\U-4751\SMU\_AS\_035\_640203.dgn  
 7/12/2017 2:15:10 PM ch1tkhmb



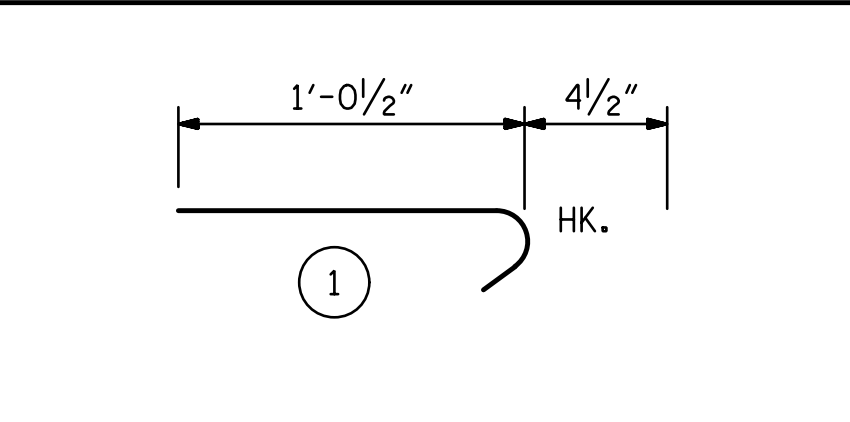
PLAN AT END BENT 1

- † NORMAL TO END BENT
- DISTANCE MEASURED ALONG GRADE LINE



PLAN AT END BENT 2

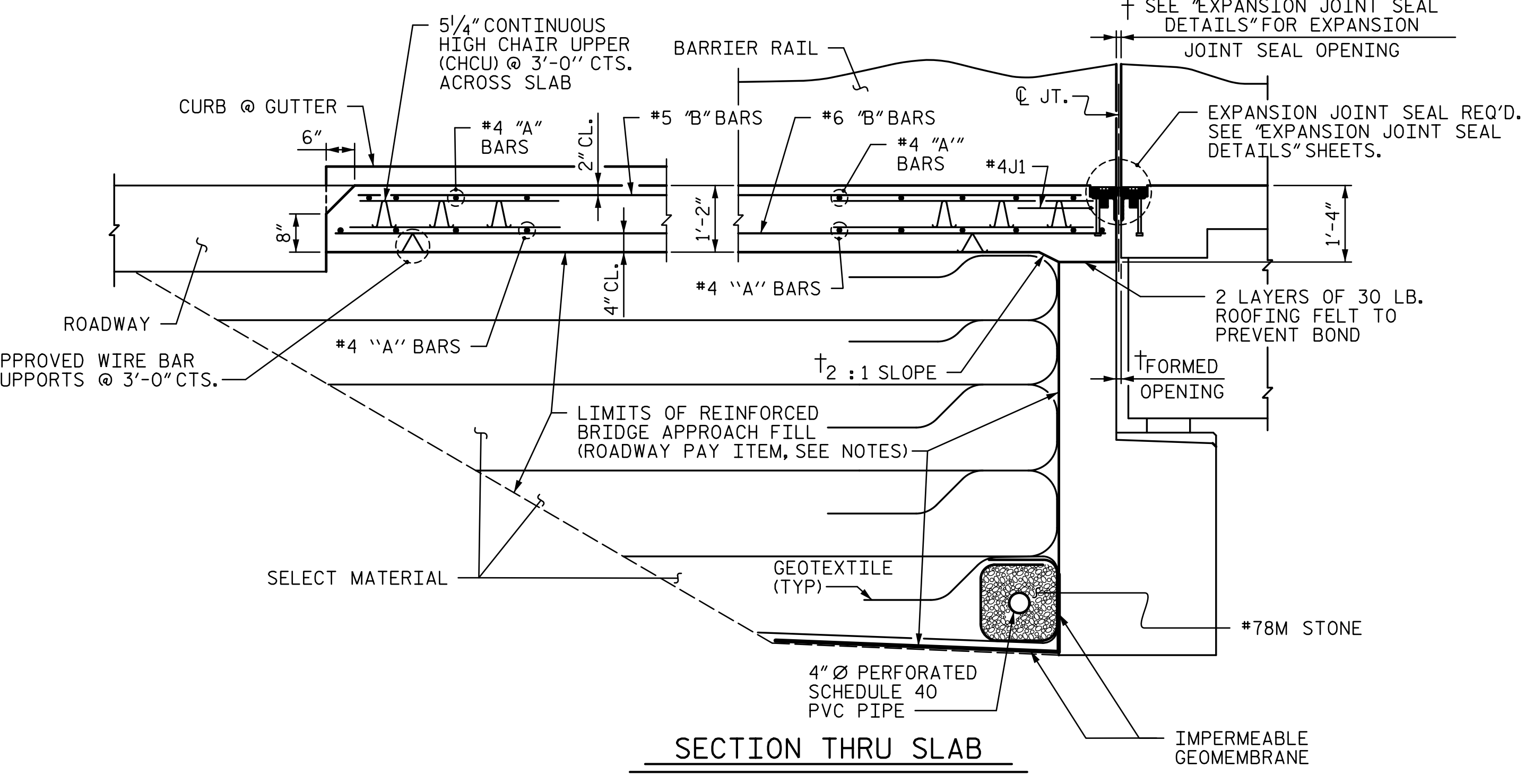
BILL OF MATERIAL					
APPROACH SLAB AT EB 1					
BAR NO.	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	50	#4	STR	25'-7"	854
A2	52	#4	STR	25'-5"	883
*B1	95	#5	STR	23'-9"	2,353
B2	95	#6	STR	24'-7"	3,508
*B3	4	#5	STR	9'-8"	40
B4	4	#6	STR	9'-8"	58
*J1	46	#4	1	1'-5"	44
REINFORCING STEEL **				LBS.	4,449
*EPOXY COATED REINFORCING STEEL **				LBS.	3,291
CLASS AA CONCRETE **				C. Y.	52.4
APPROACH SLAB AT EB 2					
BAR NO.	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	50	#4	STR	25'-7"	854
A2	52	#4	STR	25'-5"	883
*B1	95	#5	STR	23'-9"	2,353
B2	95	#6	STR	24'-7"	3,508
*B3	4	#5	STR	9'-8"	40
B4	4	#6	STR	9'-8"	58
*J1	46	#4	1	1'-5"	44
REINFORCING STEEL **				LBS.	4,449
*EPOXY COATED REINFORCING STEEL **				LBS.	3,291
CLASS AA CONCRETE **				C. Y.	52.4



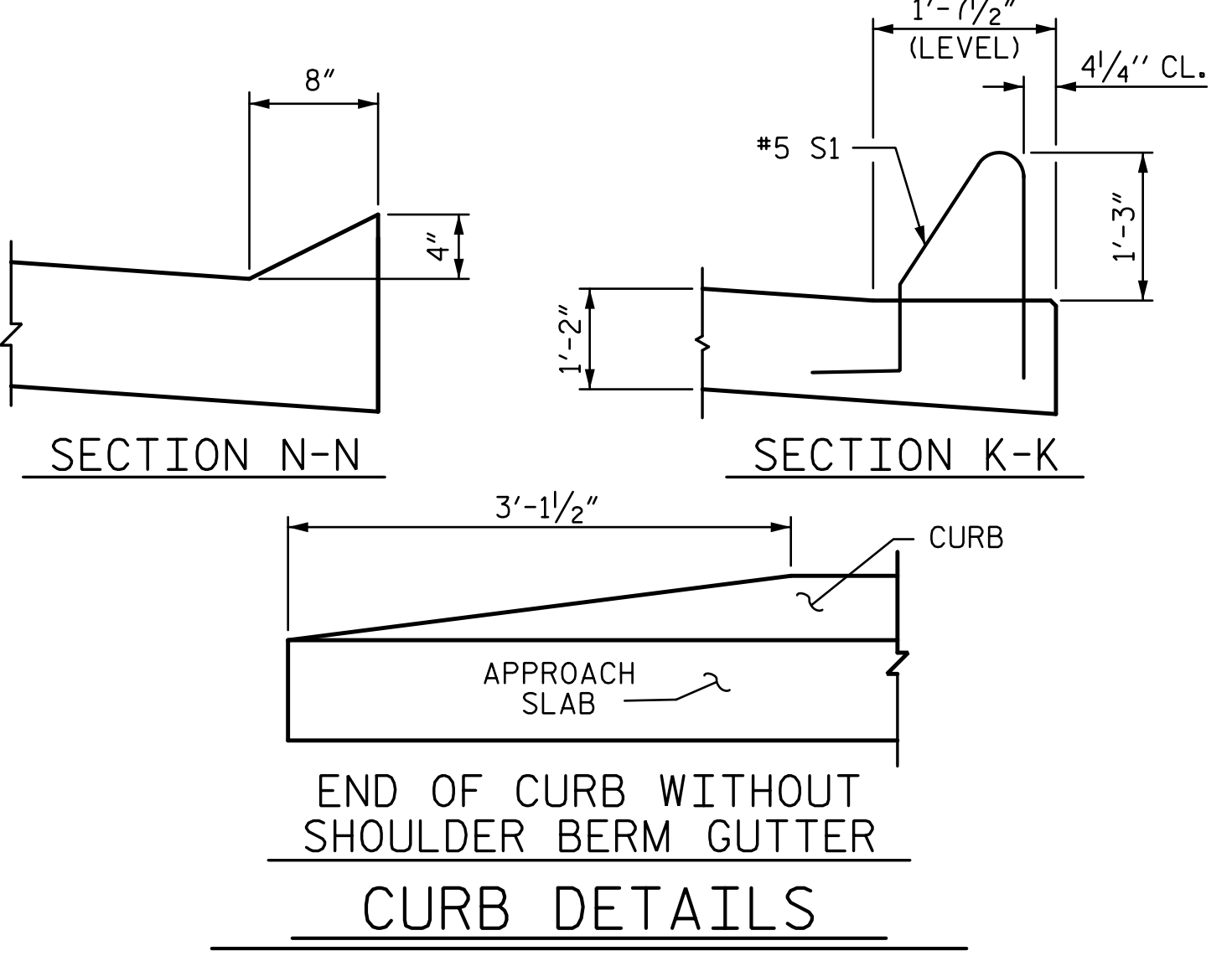
ALL BAR DIMENSIONS ARE OUT TO OUT  
 \*\* QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED. SEE SHEET 2 OF 2.

**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.

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.



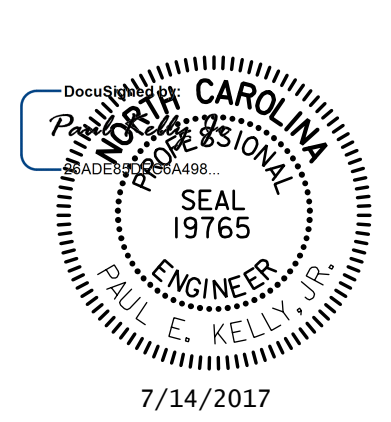
SECTION THRU SLAB



END OF CURB WITHOUT SHOULDER BERM GUTTER  
 CURB DETAILS

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: 225+92.26 -L-  
 SHEET 1 OF 2



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

BRIDGE APPROACH SLAB

DRAWN BY: MBC DATE: 3-17  
 CHECKED BY: VMW DATE: 5-17  
 DESIGN ENGINEER OF RECORD: P. KELLY DATE: 5-17

STV 100 years  
 STV ENGINEERS, INC.  
 900 West Trade St., Suite 715  
 Charlotte, NC 28202  
 NC License Number F-5991

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

TOTAL SHEETS: 36