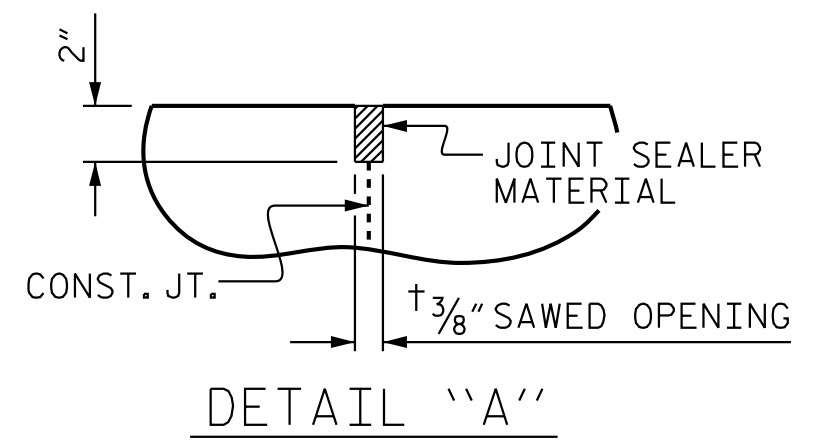
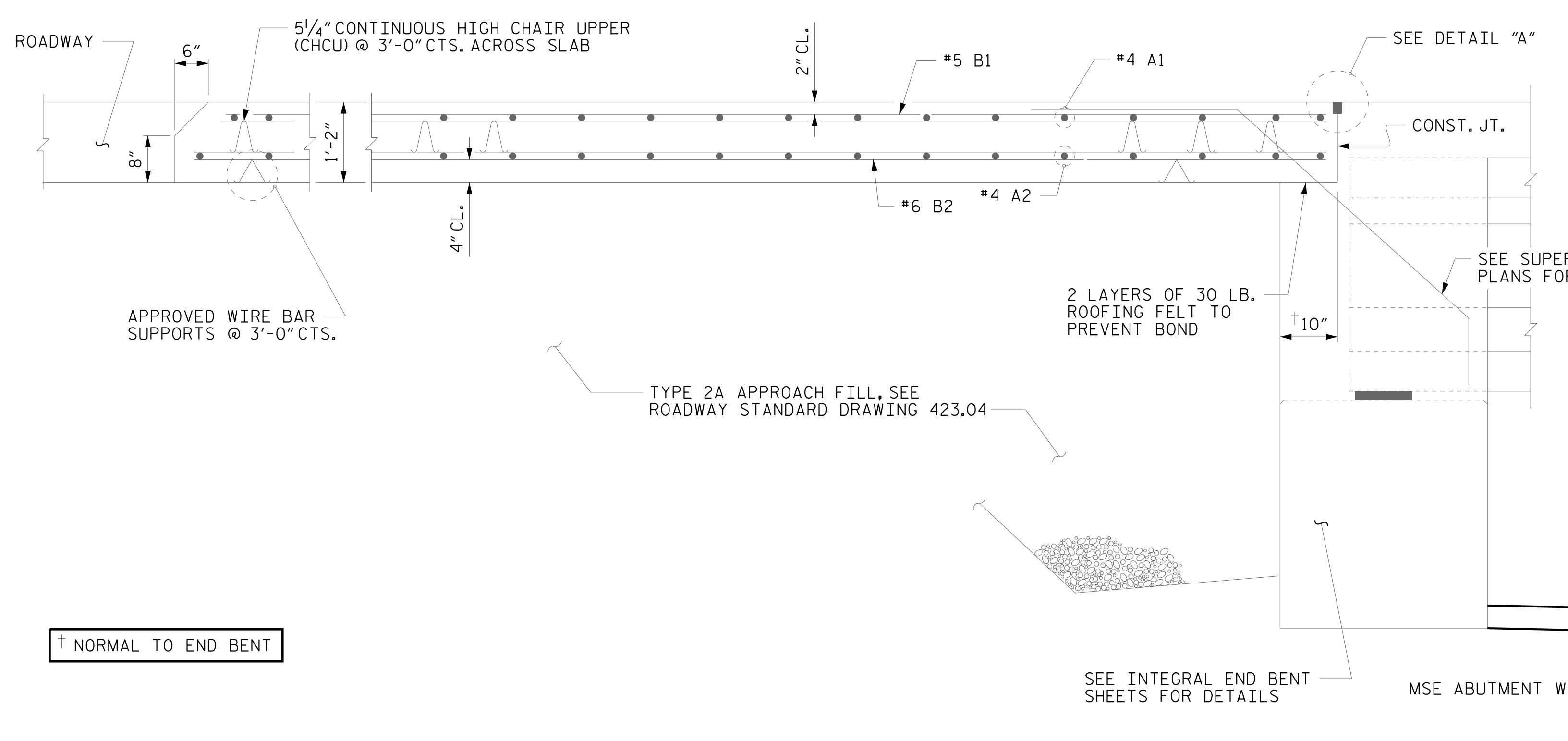


PLAN @ END BENT 1                                      PLAN @ END BENT 2  
DIMENSIONS SHOWN ARE TYPICAL FOR BOTH APPROACH SLABS

BAR TYPES				BILL OF MATERIAL		
				FOR ONE APPROACH SLAB (2 REQ'D)		
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	
* A1	78	#4	STR	26'-7"	1,385	
A2	78	#4	STR	26'-5"	1,376	
* B1	152	#5	STR	24'-2"	3,831	
B2	152	#6	STR	24'-8"	5,631	
* B3	10	#4	STR	24'-8"	165	
* G1	50	#4	STR	5'-2"	173	
* U1	16	#4	1	3'-8"	39	
REINFORCING STEEL				7,007 LBS.		
* EPOXY COATED REINFORCING STEEL				5,593 LBS.		
CLASS AA CONCRETE BREAKDOWN						
POUR #1 (SLAB)				82.1 C.Y.		
POUR #2 (SIDEWALK)				6.1 C.Y.		
TOTAL				88.2 C.Y.		

**NOTES**  
FOR BRIDGE APPROACH FILL, SEE ROADWAY PLANS.  
APPROACH SLAB SHALL NOT BE CONSTRUCTED PRIOR TO COMPLETION OF THE BRIDGE DECK.  
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 JOINT OPENING AT THE APPROACH SLAB/DECK INTERFACE SHALL BE SAWED NO MORE THAN 12 HOURS AFTER THE APPROACH SLAB IS CAST. THE JOINT SHALL BE CLEANED OF ALL DEBRIS BEFORE THE SEALANT IS APPLIED. THE JOINT SEALER MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF SECTION 1028-3 OF THE STANDARD SPECIFICATIONS.



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

SECTION THRU SLAB

DocuSigned by: 3/6/2024  
E8EB15AC0ED410.

**Kimley-Horn**  
421 Fayetteville Street, Suite 600  
Raleigh, NC 27601-1772  
Phone (919) 677-2000      NC LICENSE # F-0102

PROJECT NO.       P-5720        
      WAKE       COUNTY  
STATION:       32+23.01 -L-      

SHEET 1 OF 2

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH  
STANDARD  
BRIDGE APPROACH SLAB  
FOR INTEGRAL ABUTMENT  
WITH FLEXIBLE PAVEMENT

REVISIONS					SHEET NO.
NO.	BY:	DATE:	NO.	DATE:	
1			3		S-31
2			4		TOTAL SHEETS 33

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

ASSEMBLED BY : D.D. LOWERY      DATE : 1/19  
CHECKED BY : S.A. DENNEY      DATE : 1/19  
DRAWN BY : TLA      10/05      MAA/THC  
REV. 06/19      BNB/THC  
CHECKED BY : GM      5/06      REV. 07/23      BNB/SNM