

PLAN OF CONCRETE MEDIAN

APPROACH SLAB AT END BENT 1 SHOWN. APPROACH SLAB AT END BENT 2 SIMILAR.

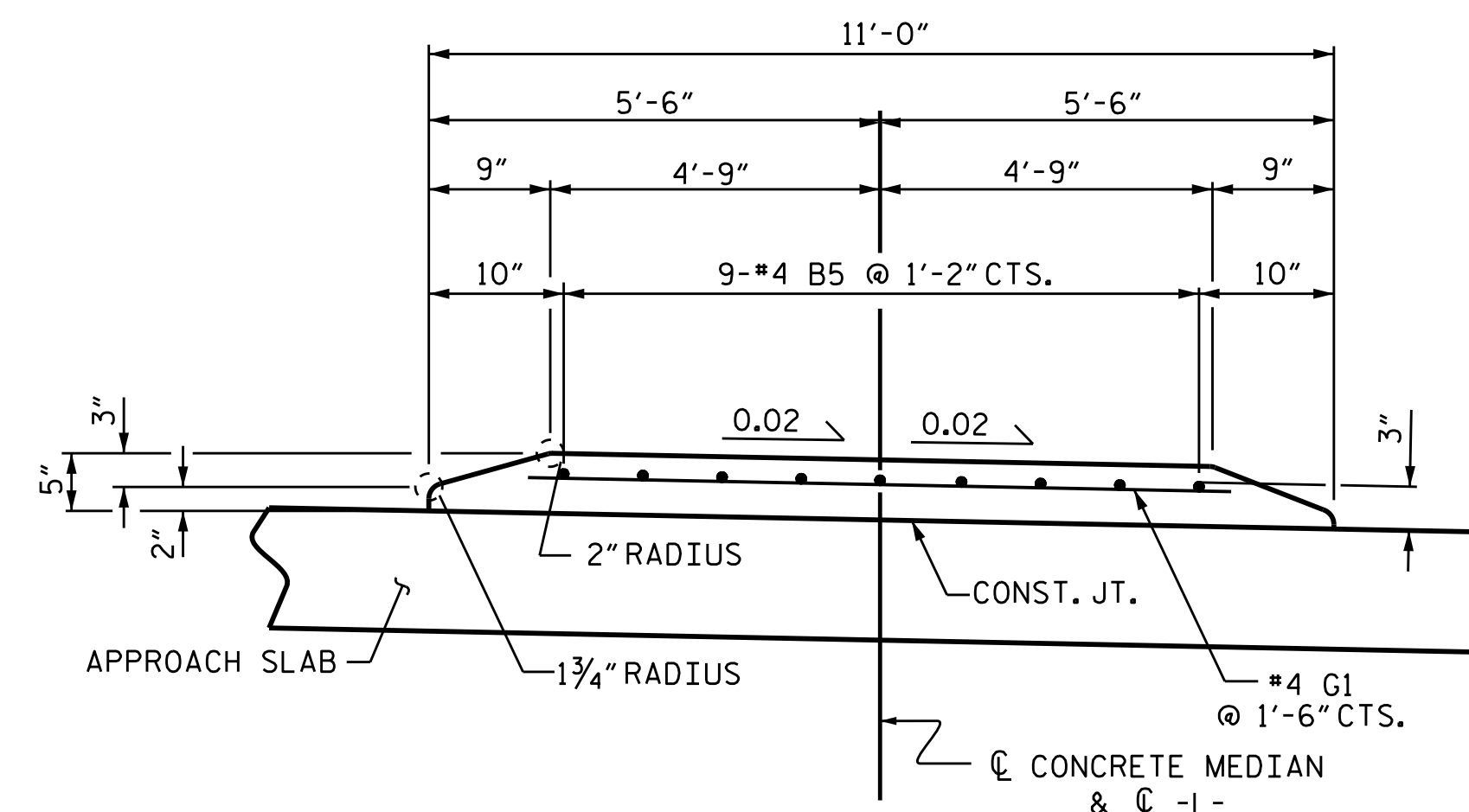
CL JT. @ END BENT 1

BAR TYPES		BILL OF MATERIAL-STAGE IV FOR ONE CONCRETE PARAPET (2 REQ'D)				
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT		
* B6	#5	STR	24'-4"	254		
* S1	#5	2	6'-6"	169		
* S2	#5	3	5'-8"	148		
* EPOXY COATED REINF. STEEL				571 LBS.		
CLASS AA CONCRETE				4.3 C.Y.		
1'-4" X 3'-6" CONCRETE PARAPET				25 L.F.		

ALL BAR DIMENSIONS ARE OUT TO OUT

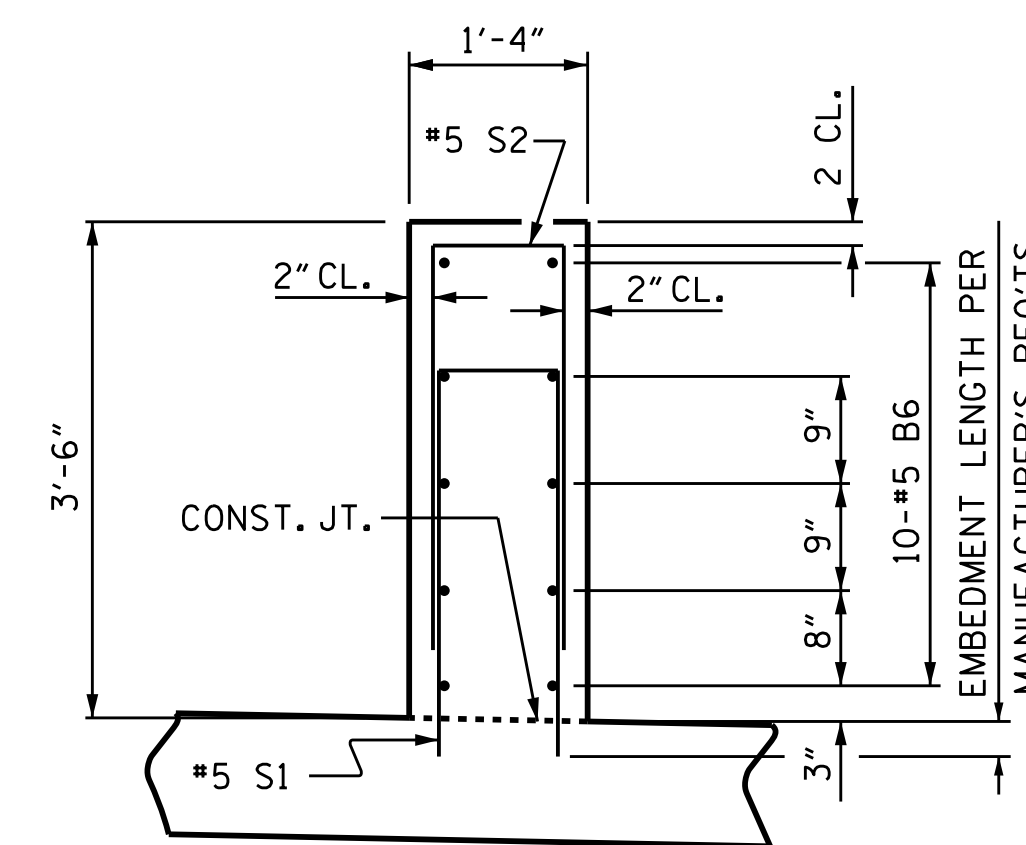
THE QUANTITY OF #4 J1 BARS ON THE BILL OF MATERIAL IS BASED ON 1'-0" CENTERS. J1 BARS SHALL BE PLACED AT EACH VERTICAL STUD ANCHOR BOLT. IN THE EVENT THAT THE NUMBER OF VERTICAL STUD ANCHORS EXCEEDS THE NUMBER OF J1 BARS SPECIFIED, ADDITIONAL J1 BARS WILL NOT BE REQUIRED.

BILL OF MATERIAL FOR ONE APPROACH SLAB (2 REQ'D)					
STAGE I					
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	
* A1	#4	STR	26'-9"	1340	
A2	#4	STR	25'-3"	1316	
* B1	#5	STR	23'-8"	3357	
B2	#6	STR	24'-8"	4779	
* J1	#4	1	1'-5"	70	
REINFORCING STEEL				LBS.	6095
* EPOXY COATED REINFORCING STEEL				LBS.	4767
CLASS AA CONCRETE				C. Y.	78.3
STAGE II					
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	
* A3	#4	STR	24'-9"	1240	
A4	#4	STR	22'-7"	1177	
* B3	#5	STR	23'-8"	2296	
B4	#6	STR	24'-8"	3186	
* J1	#4	1	1'-5"	44	
REINFORCING STEEL				LBS.	4363
* EPOXY COATED REINFORCING STEEL				LBS.	3580
CLASS AA CONCRETE				C. Y.	48.9
STAGE III FOR ONE CONCRETE MEDIAN (2 REQ'D)					
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	
* B5	#4	STR	24'-0"	144	
* G1	#4	STR	9'-8"	110	
* EPOXY COATED REINFORCING STEEL				LBS.	254
CLASS AA CONCRETE				C. Y.	4.1
BAR TYPE					
BAR DIMENSIONS ARE OUT TO OUT					



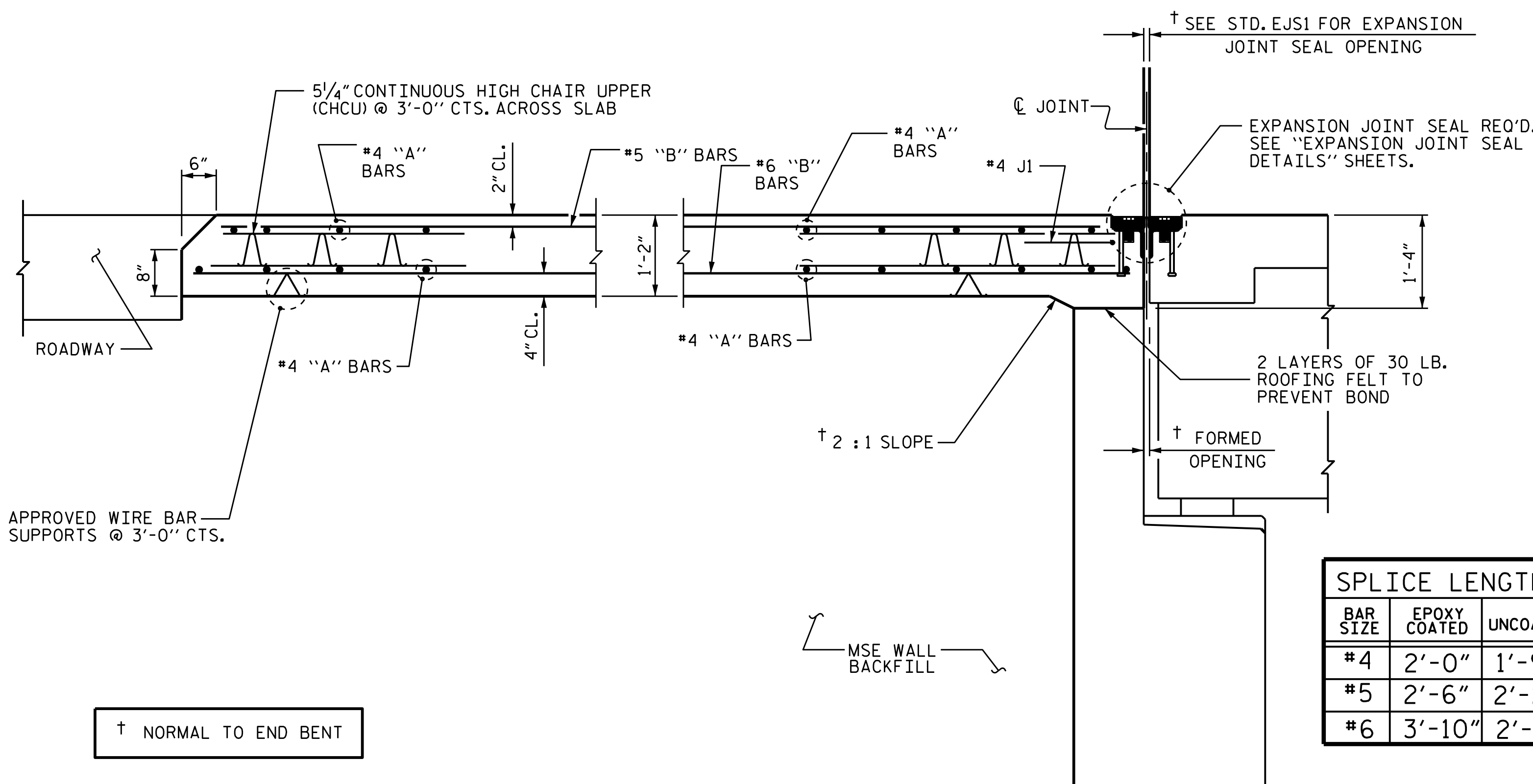
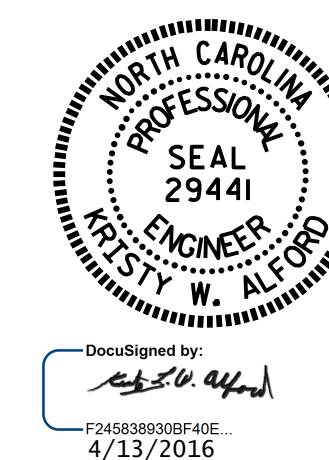
SECTION THROUGH CONCRETE MEDIAN

SEE "CONCRETE MEDIAN" SHEET FOR JOINT DETAILS BETWEEN APPROACH SLAB AND BRIDGE.



SECTION THROUGH PARAPET

THE #5 S1 BARS SHALL BE ADHESIVELY ANCHORED. THE YIELD LOAD FOR THE #5 S1 BARS IS 18.6 KIPS. FIELD TESTING FOR THE ADHESIVE BONDING SYSTEM IS NOT REQUIRED.



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 @ -L-

PROJECT NO. B-5121/B-5317
WAKE COUNTY
 STATION: 20+06.91 -L-
 SHEET 2 OF 2

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
**BRIDGE APPROACH SLAB
 FOR FLEXIBLE PAVEMENT**

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	S-35	
1			3			TOTAL SHEETS 110	
2			4				

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DRAWN BY: M.M. AHMED DATE: JAN 2016
 CHECKED BY: J.P. ADAMS DATE: FEB 2016
 DESIGN ENGINEER OF RECORD: K.W. ALFORD, P.E. DATE: FEB 2016