

NOTES

THE COST OF THE MEDIAN BARRIER ON THE APPROACH SLAB SHALL BE INCLUDED IN THE LINEAR FOOT CONTRACT PRICE BID FOR "CONCRETE MEDIAN BARRIER".

THE MEDIAN BARRIER ON EACH APPROACH SLAB SHALL NOT BE CAST UNTIL ALL APPROACH SLAB CONCRETE HAS BEEN CAST AND HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI.

ALL REINFORCING STEEL IN MEDIAN BARRIER SHALL BE EPOXY COATED.

GROOVED CONTRACTION JOINTS, 1/2" IN DEPTH, SHALL BE TOOLED IN ALL EXPOSED FACES OF THE CONCRETE MEDIAN BARRIER AND IN ACCORDANCE WITH ARTICLE 825-10(B) OF THE STANDARD SPECIFICATIONS. THE CONTRACTION JOINT SHALL BE LOCATED AT EACH THIRD POINT BETWEEN ENDS OF MEDIAN BARRIER SEGMENTS ON THE APPROACH SLABS.

THE CONTRACTOR MAY USE ADHESIVELY ANCHORED DOWELS IN PLACE OF THE #5 S2 BARS DETAILED. LEVEL 2 FIELD TESTING IS REQUIRED, AND THE YIELD LOAD OF THE DOWELS IS 19 KIPS. THE DOWELS ARE TO BE HOOKED ON ONE END WITH A PROJECTION MATCHING THAT OF THE #5 S2 BARS. THE OPPOSITE END IS TO BE STRAIGHT AND EMBEDDED 6" INTO THE APPROACH SLAB.

BAR TYPES

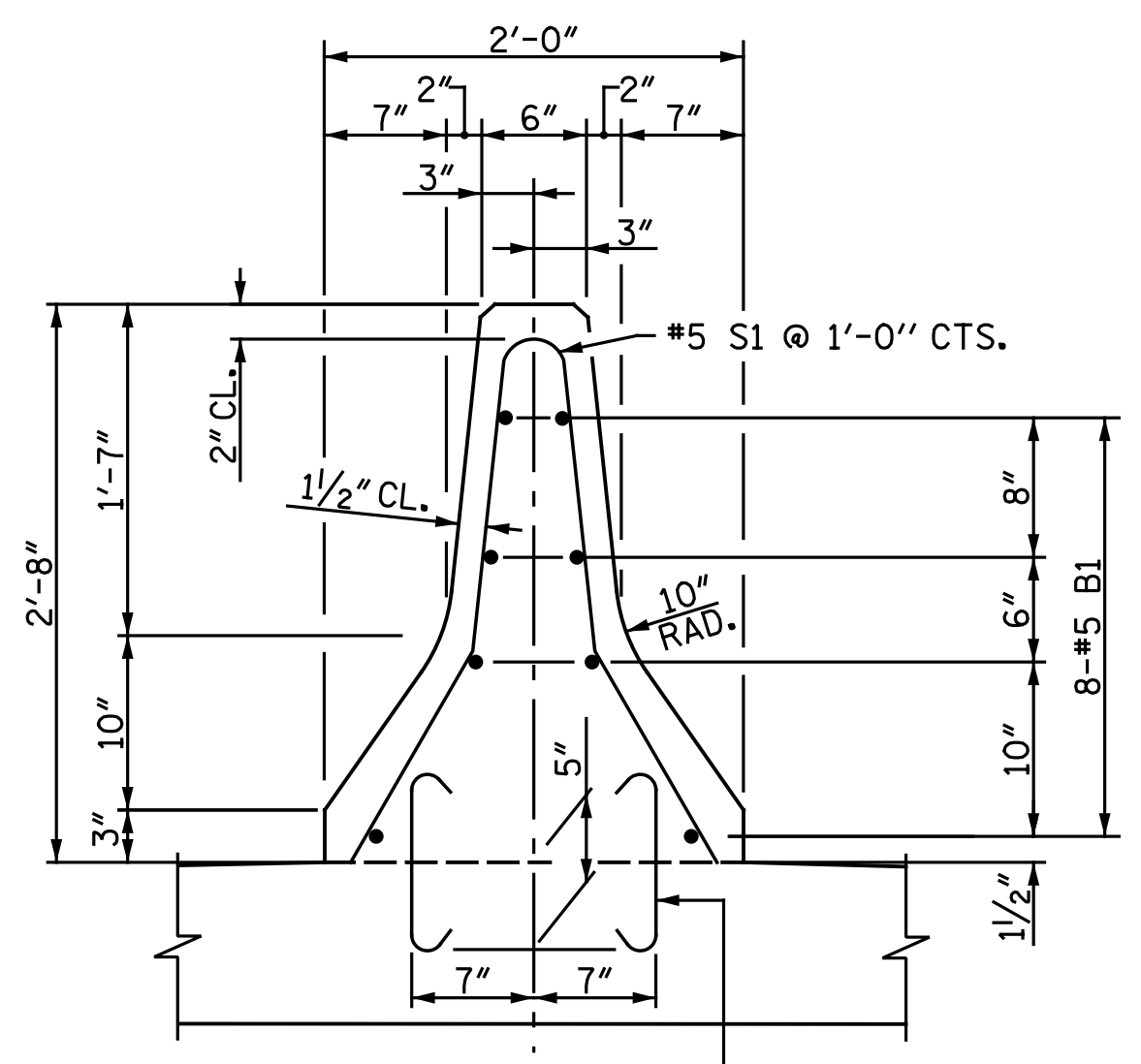
ALL BAR DIMENSIONS ARE OUT TO OUT

BILL OF MATERIAL  
MEDIAN BARRIER ONLY

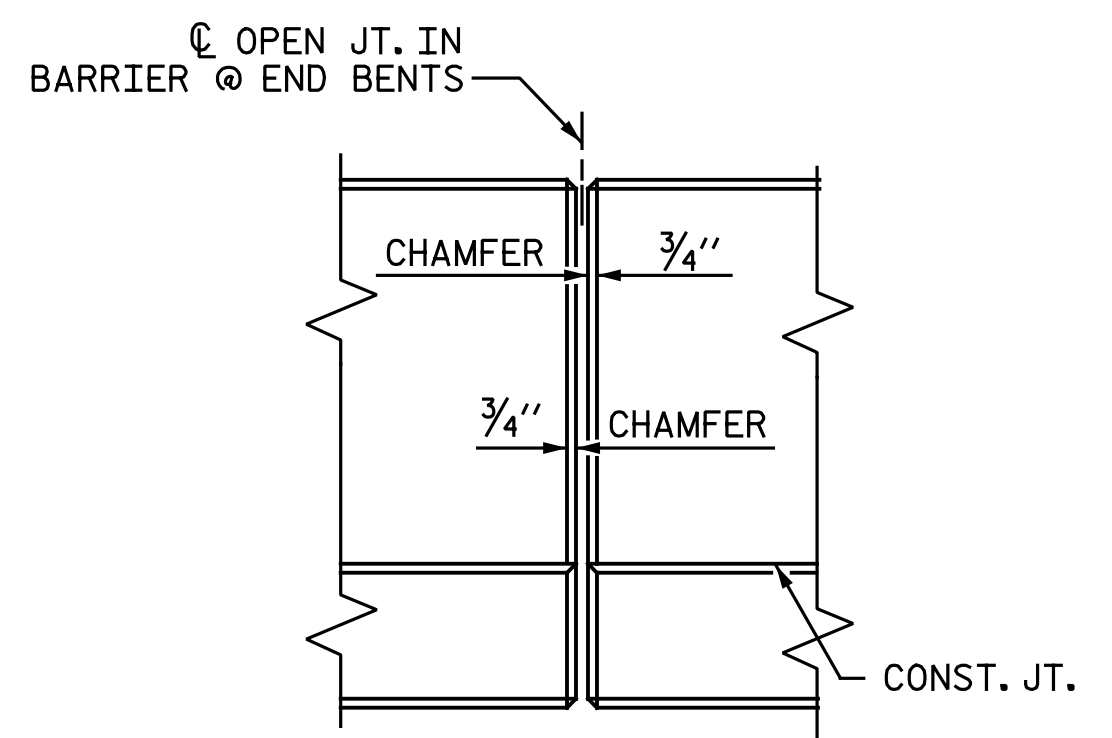
STAGE III

BAR NO.	SIZE	TYPE	LENGTH	WEIGHT
* B1	32	#5 STR.	13' - 10"	462
* S1	48	#5	5' - 6"	275
* S2	96	#5	1' - 10"	184

\* EPOXY COATED REINFORCING STEEL LBS. 921  
CLASS AA CONCRETE CU. YDS. 5.1  
CONCRETE MEDIAN BARRIER LIN. FT. 50.02



SECTION THRU MEDIAN BARRIER

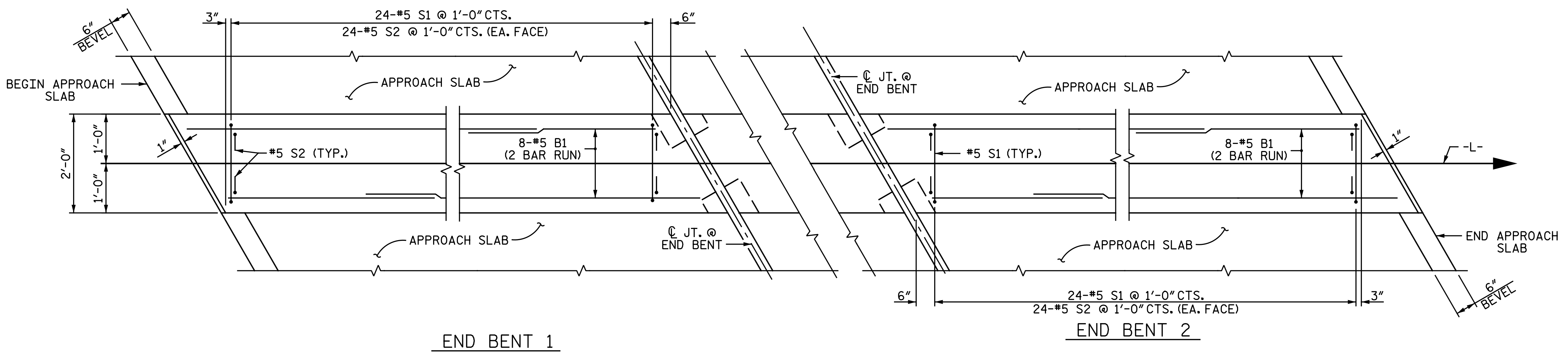


ELEVATION AT EXPANSION JOINTS

SPLICE LENGTHS

BAR SIZE	EPOXY COATED
#5	3'-5"

MEDIAN BARRIER DETAILS



PLAN OF CONCRETE MEDIAN BARRIER  
DISCONTINUE BEVEL UNDER MEDIAN BARRIER

PROJECT NO. I-5986B  
JOHNSTON COUNTY  
STATION: 1391+19.65 -L-  
SHEET 4 OF 4



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH  
BRIDGE APPROACH  
SLAB DETAILS

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

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REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS
2			4			44

DRAWN BY: N. B. SPEAKS DATE: 8-5-19  
CHECKED BY: J. M. GARRISON DATE: 3-11-20