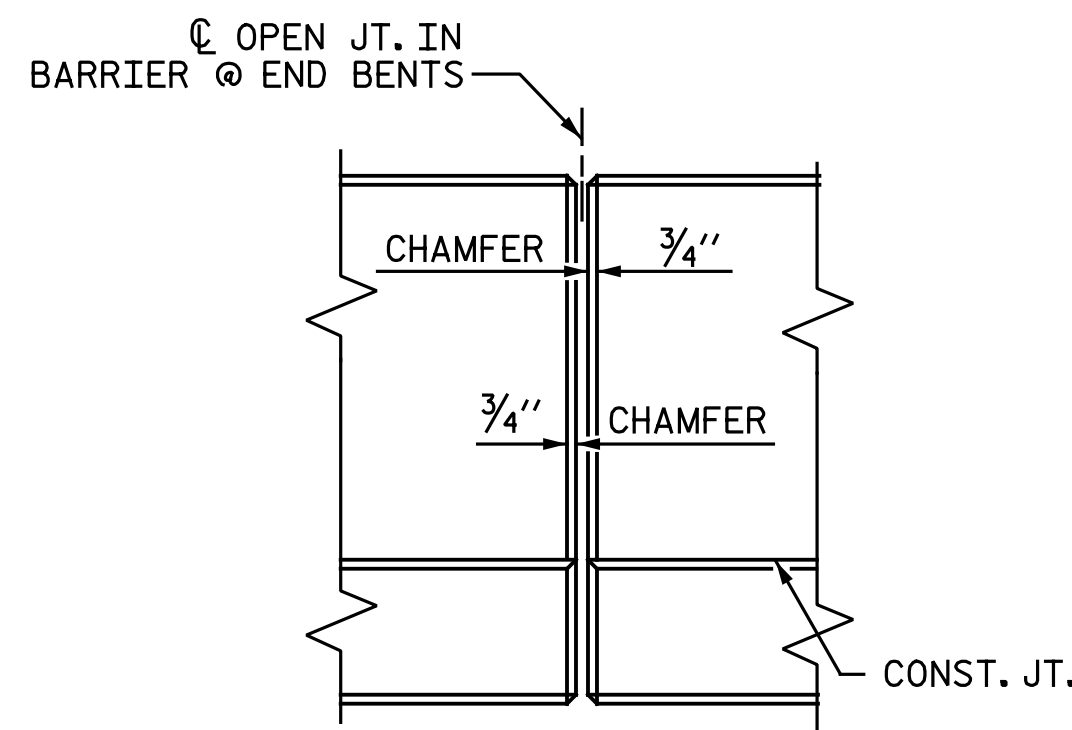
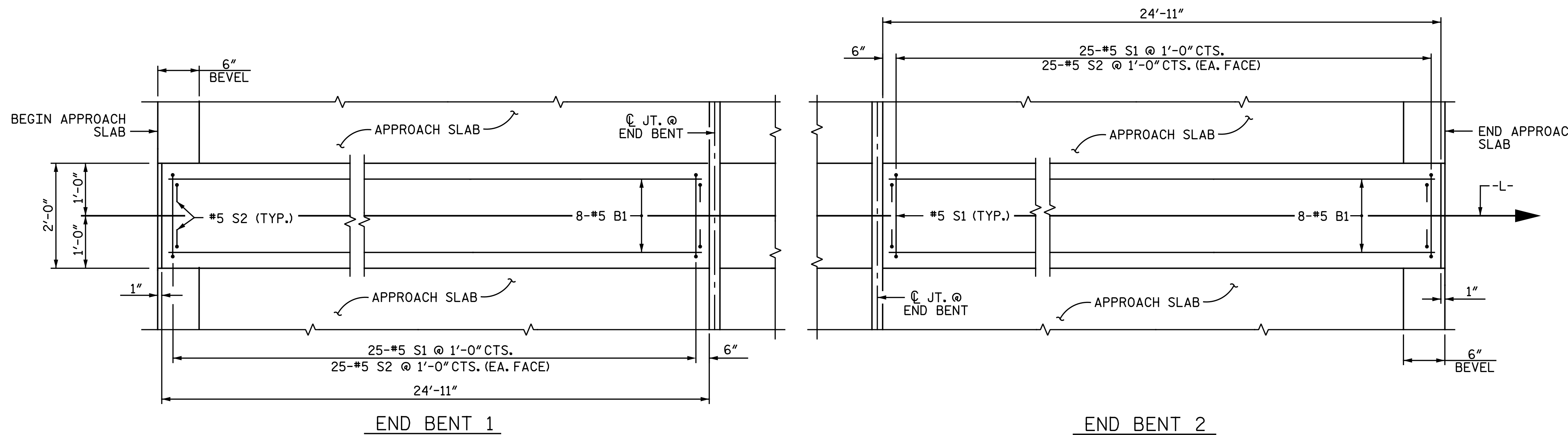


SECTION THRU MEDIAN BARRIER



ELEVATION AT EXPANSION JOINTS

MEDIAN BARRIER DETAILS



PLAN OF CONCRETE MEDIAN BARRIER

DISCONTINUE BEVEL UNDER MEDIAN BARRIER

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".

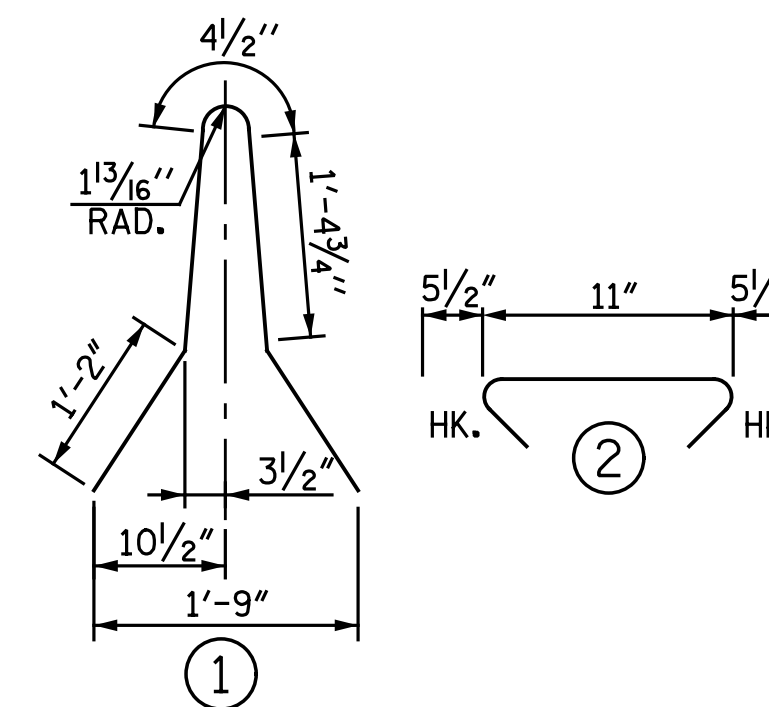
THE MEDIAN BARRIER ON EACH APPROACH SLAB SHALL NOT BE CAST UNTIL ALL APPROACH SLAB CONCRETE HAS BEEN CAST AND HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI.

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 II

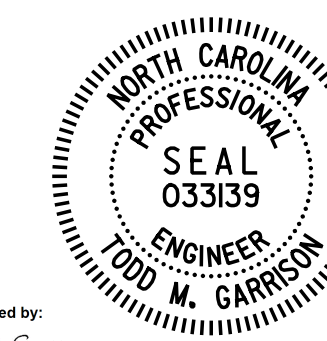
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* B1	16	#5	STR	24' - 7"	410
* S1	50	#5	1	5' - 6"	287
* S2	100	#5	2	1' - 10"	191
* EPOXY COATED REINFORCING STEEL					LBS. 888
CLASS AA CONCRETE					CU. YDS. 5.1
CONCRETE MEDIAN BARRIER					LIN. FT. 49.96

PROJECT NO. I-5986B
 JOHNSTON COUNTY
 STATION: 1260+34.00 -L-

SHEET 4 OF 4

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

BRIDGE APPROACH
 SLAB DETAILS



DocuSigned by:
 Todd M. Garrison
 012477033043496
 4/9/2020

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	SI-57
1			3			TOTAL SHEETS
2			4			57

DRAWN BY : N. B. SPEAKS DATE : 5-29-19
 CHECKED BY : I. M. GARRISON DATE : 3-11-20

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