

NOTES

FOR BRIDGE APPROACH FILL INCLUDING GEOTEXTILE, MSE WALL REINFORCEMENT AND BACKFILL MATERIAL SEE ROADWAY PLANS.

GEOTEXTILE SHALL BE TYPE 1 IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS SECTION 1056.

BACKFILL MATERIAL SHALL BE THE SAME MATERIAL USED IN THE MSE REINFORCED ZONE.

APPROACH SLAB SHALL NOT BE CONSTRUCTED PRIOR TO COMPLETION OF THE BRIDGE DECK.

AREA BETWEEN THE MSE WALL 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.

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

BILL OF MATERIAL

APPROACH SLAB AT END BENT 1

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1E	50	#4	STR.	30' - 7"	1,021
A2	52	#4	STR.	30' - 6"	1,059
B1E	98	#5	STR.	23' - 7"	2,411
B2	98	#6	STR.	24' - 7"	3,619
B3E	4	#5	STR.	9' - 7"	40
B4	4	#6	STR.	9' - 7"	58

J1E	56	#4	1	1' - 5"	53
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REINFORCING STEEL ** LBS. 4,736

EPOXY COATED REINF. STEEL ** LBS. 3,525

CLASS AA CONCRETE ** C.Y. 55.7

APPROACH SLAB AT END BENT 2

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1E	50	#4	STR.	30' - 7"	1,021
A2	52	#4	STR.	30' - 6"	1,059
B1E	98	#5	STR.	23' - 7"	2,411
B2	98	#6	STR.	24' - 7"	3,619
B3E	4	#5	STR.	9' - 7"	40
B4	4	#6	STR.	9' - 7"	58

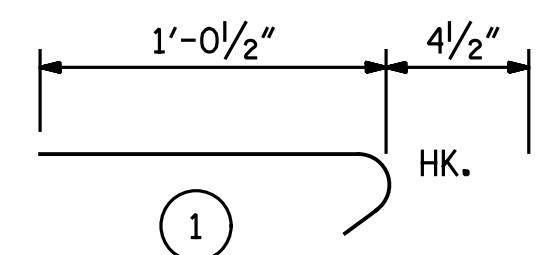
J1E	56	#4	1	1' - 5"	53
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REINFORCING STEEL ** LBS. 4,736

EPOXY COATED REINF. STEEL ** LBS. 3,525

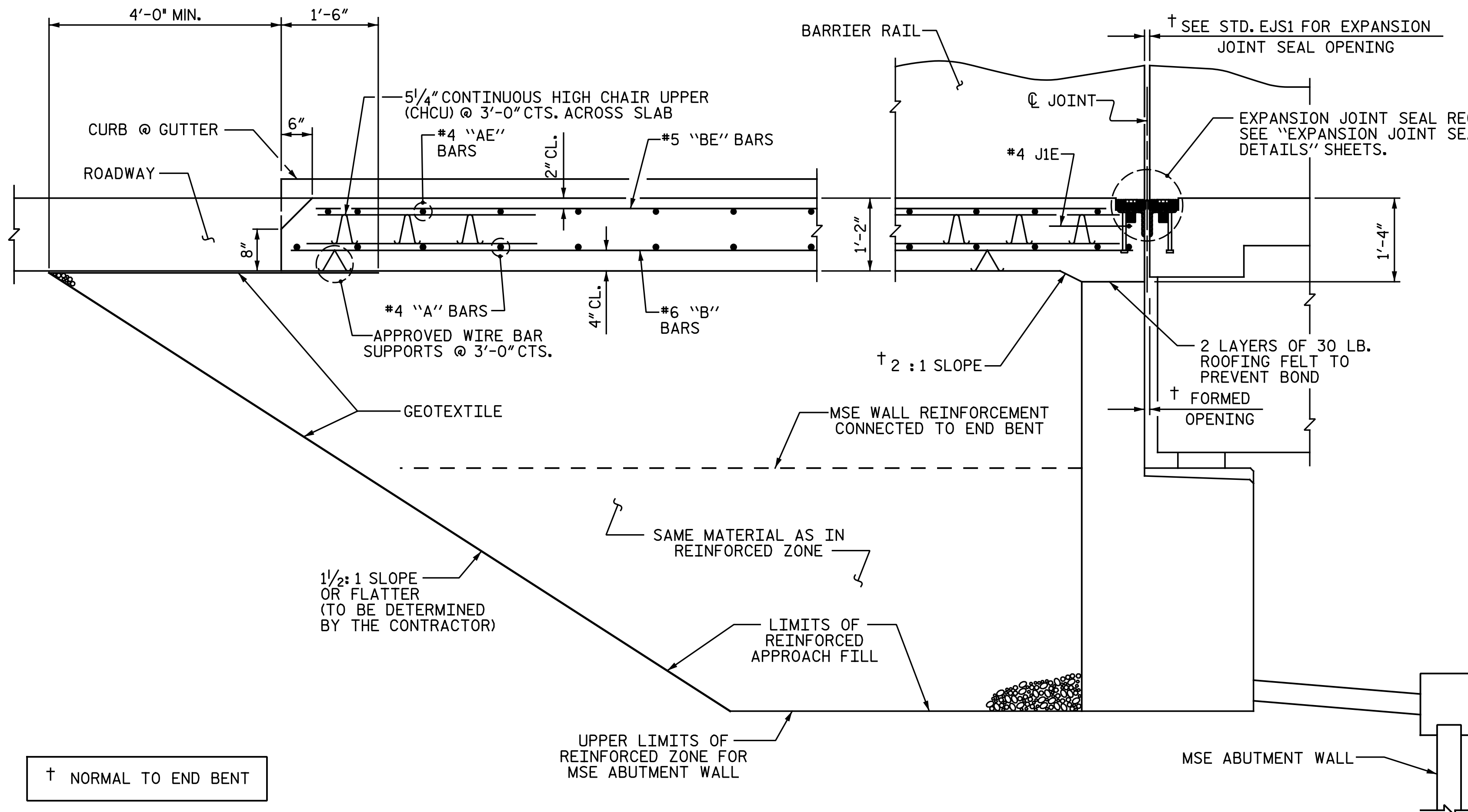
CLASS AA CONCRETE ** C.Y. 55.7

BAR TYPE



ALL BAR DIMENSIONS ARE OUT TO OUT
"E" SUFFIX DENOTES EPOXY COATED REINFORCING STEEL.

** QUANTITIES FOR BARRIER RAIL AND MONOLITHIC CONCRETE ISLAND ARE NOT INCLUDED. SEE "BRIDGE APPROACH SLAB FOR FLEXIBLE PAVEMENT", SHEET 2 OF 2 AND "BRIDGE APPROACH SLAB DETAILS" SHEET.



SECTION THRU SLAB
(TYPE III - REINFORCED APPROACH FILL)

SPLICE LENGTHS

BAR SIZE	EPOXY COATED	UNCOATED
#4	2'-0"	1'-9"

† NORMAL TO END BENT

DocuSigned by:
Amanda H. Sharpe
4/8/2020

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

PROJECT NO. I-5883
HARNETT COUNTY
STATION: 27+09.19 -Y16-

DEPARTMENT OF TRANSPORTATION
RALEIGH
STANDARD
BRIDGE APPROACH SLAB
FOR FLEXIBLE PAVEMENT

ASSEMBLED BY : N. B. SPEAKS	DATE : 6-25-18
CHECKED BY : A. H. SHARPE	DATE : 3-26-20
DRAWN BY : EEM 3/95	REV. 12/21/11 MAA/GM
CHECKED BY : VAP 3/95	REV. 6/13 MAA/GM
	REV. 12/17 MAA/THC

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REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	SI-33
1			3			TOTAL SHEETS
2			4			35