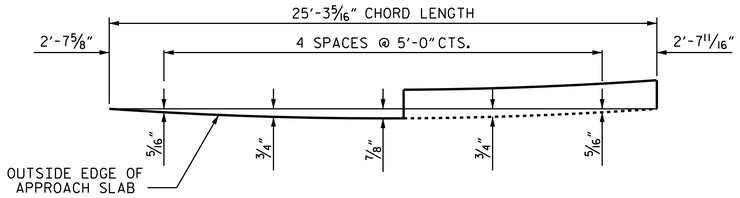
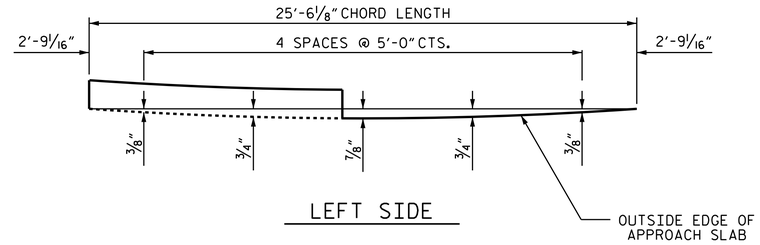
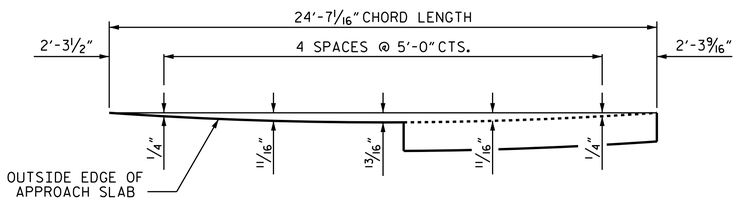


LEFT SIDE

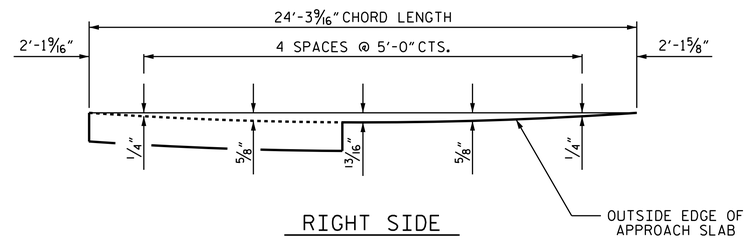


LEFT SIDE



RIGHT SIDE

ARC OFFSETS @ END BENT 1



RIGHT SIDE

ARC OFFSETS @ END BENT 2

NOTES

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

FOR BACKWALL MATERIAL, SEE WALL SHEETS.

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.

FOR EXPANSION JOINT SEALS, SEE SPECIAL PROVISIONS.

BILL OF MATERIAL

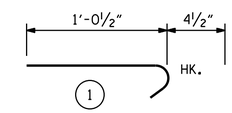
APPROACH SLAB AT EB 1

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✱ A1	50	#4	STR	28'-4"	946
A2	52	#4	STR	28'-2"	978
✱ B1	79	#5	STR	23'-10"	1964
B2	79	#6	STR	24'-8"	2927
✱ B3	4	#5	STR	9'-8"	40
B4	4	#6	STR	9'-8"	58
✱ J1	50	#4	1	1'-5"	47
REINFORCING STEEL ✱✱				LBS.	3963
✱ EPOXY COATED REINFORCING STEEL ✱✱				LBS.	2997
CLASS AA CONCRETE ✱✱				C.Y.	43.8

APPROACH SLAB AT EB 2

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✱ A1	75	#4	STR	21'-8"	1086
A2	78	#4	STR	21'-6"	1120
✱ B1	79	#5	STR	23'-10"	1964
B2	79	#6	STR	24'-8"	2927
✱ B3	4	#5	STR	9'-8"	40
B4	4	#6	STR	9'-8"	58
✱ J1	57	#4	1	1'-5"	54
REINFORCING STEEL ✱✱				LBS.	4105
✱ EPOXY COATED REINFORCING STEEL ✱✱				LBS.	3144
CLASS AA CONCRETE ✱✱				C.Y.	43.8

BAR TYPE



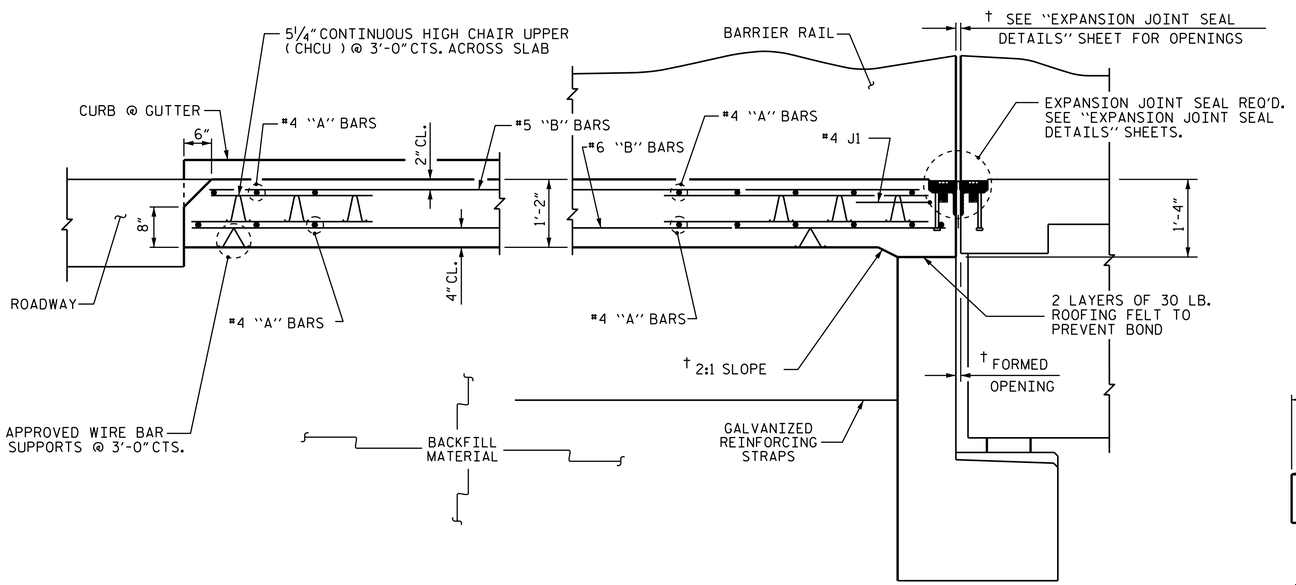
ALL BAR DIMENSIONS ARE OUT TO OUT

✱✱ QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED. SEE SHEET 2 OF 2.

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.

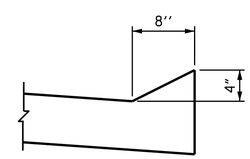
SPLICE LENGTHS

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

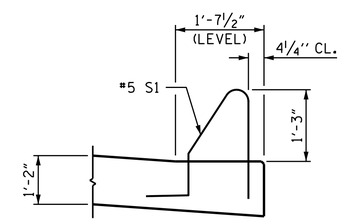


† NORMAL TO END BENT

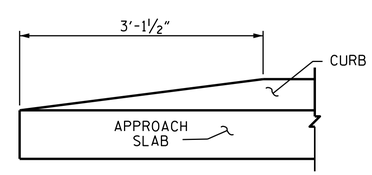
SECTION THRU SLAB



SECTION N-N



SECTION K-K



END OF CURB WITHOUT SHOULDER BERM GUTTER

CURB DETAILS

PROJECT NO. B-5119

GUILFORD COUNTY

STATION: 12+32.31 -RP-

SHEET 3 OF 4

NORTH CAROLINA PROFESSIONAL SEAL 29441 ENGINEER KRISTY W. ALFORD

DocuSigned by: F245838930BF40E...

11/25/2014

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

STANDARD

BRIDGE APPROACH SLAB

REVISIONS								SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:			S-76
1			3					TOTAL SHEETS
2			4					77

ASSEMBLED BY : J.P. ADAMS		DATE : 10/2014	
CHECKED BY : D.R. SHACKELFORD		DATE : 10/2014	
DRAWN BY : RH 5/99	REV. 10/1/11	MAA/GM	
CHECKED BY : RDR 5/99	REV. 12/21/11	MAA/GM	
	REV. 6/13	MAA/GM	

25-NOV-2014 11:05
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jpadams

STD. NO. BAS1 (SHT 4b)