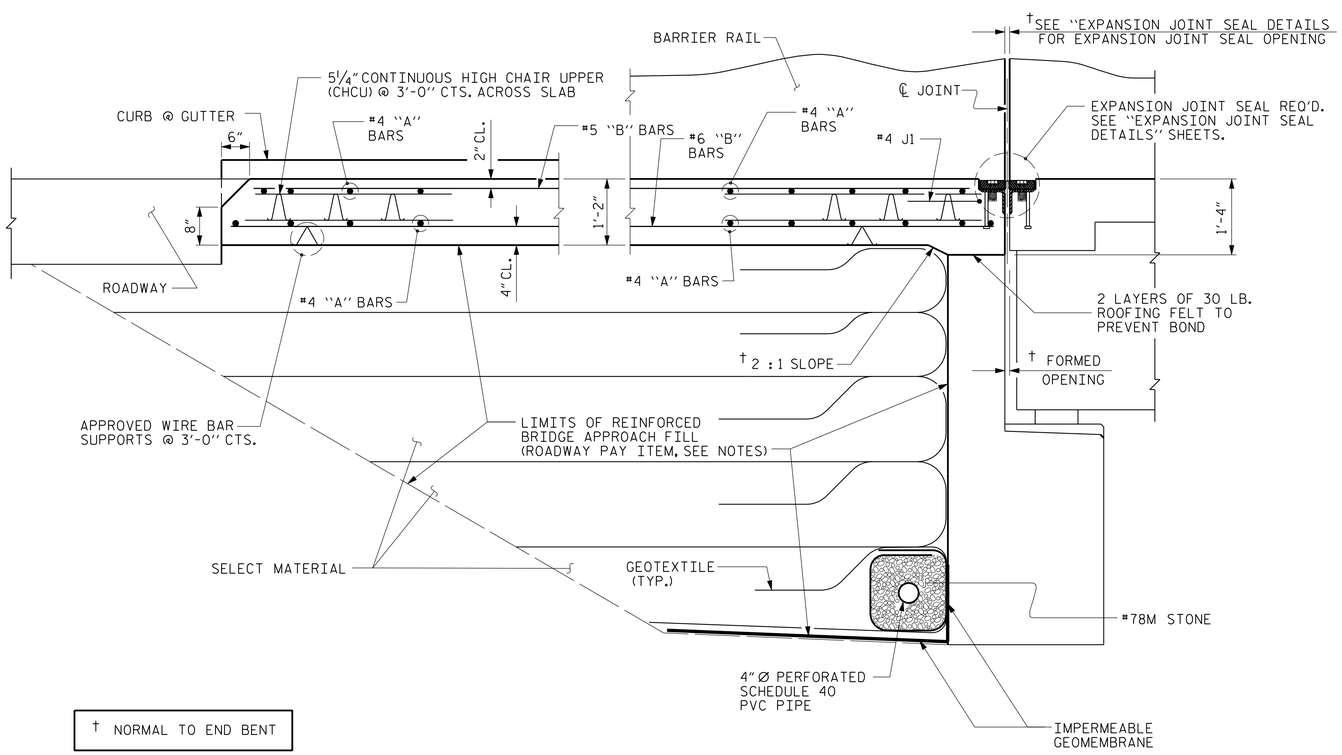
FOR PLAN VIEW
SEE SHEET 1 OF 3



† NORMAL TO END BENT

SECTION THRU SLAB

NOTES

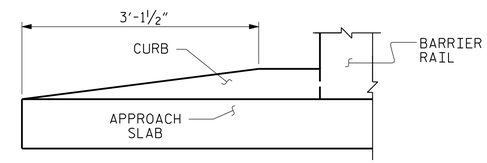
APPROACH SLAB SHALL NOT BE CONSTRUCTED PRIOR TO COMPLETION OF THE BRIDGE DECK.

FOR REINFORCED BRIDGE APPROACH FILL INCLUDING GEOTEXTILE, IMPERMEABLE GEOMEMBRANE, 4" Ø DRAINAGE PIPE, #78M STONE, AND SELECT MATERIAL, SEE ROADWAY PLANS.

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.

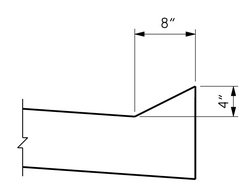
FOR EXPANSION JOINT SEALS, SEE SPECIAL PROVISIONS.

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

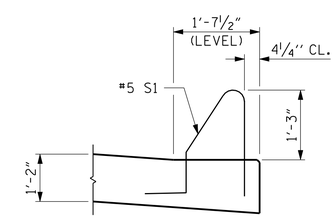


END OF CURB WITHOUT SHOULDER BERM GUTTER

CURB DETAILS



SECTION N-N



SECTION K-K

BILL OF MATERIAL

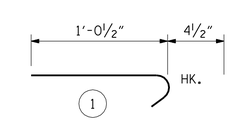
APPROACH SLAB AT EB #1

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✱ A1	50	#4	STR	26'-8"	891
A2	52	#4	STR	26'-7"	923
✱ B1	77	#5	STR	23'-5"	1881
B2	77	#6	STR	24'-5"	2824
✱ B3	3	#5	STR	24'-7"	77
B4	3	#6	STR	25'-0"	113
✱ B5	2	#5	STR	9'-8"	20
B6	2	#6	STR	9'-8"	29
✱ J1	49	#4	1	1'-5"	46
REINFORCING STEEL ✱✱				LBS.	3889
✱ EPOXY COATED REINFORCING STEEL ✱✱				LBS.	2915
CLASS AA CONCRETE ✱✱				C. Y.	44.2

APPROACH SLAB AT EB #2

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✱ A3	50	#4	STR	29'-6"	985
A4	52	#4	STR	29'-4"	1019
✱ B7	77	#5	STR	23'-2"	1861
B8	77	#6	STR	24'-4"	2814
✱ B9	3	#5	STR	23'-7"	74
B10	3	#6	STR	23'-7"	106
✱ B11	2	#5	STR	9'-9"	20
B12	2	#6	STR	10'-2"	31
✱ J1	56	#4	1	1'-5"	53
REINFORCING STEEL ✱✱				LBS.	3970
✱ EPOXY COATED REINFORCING STEEL ✱✱				LBS.	2993
CLASS AA CONCRETE ✱✱				C. Y.	44.2

BAR TYPE



ALL BAR DIMENSIONS ARE OUT TO OUT

✱✱ QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED. SEE SHEET 3 OF 3.

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.

PROJECT NO. U-2579B
FORSYTH COUNTY
STATION: 17+10.00 -Y4RPA-
SHEET 2 OF 3

PLANS PREPARED BY:
MULKEY ENGINEERS & CONSULTANTS
PO Box 33127
Raleigh, N.C. 27636
(919) 851-1912
(919) 851-1918 (FAX)
WWW.MULKEYINC.COM
NC LICENSE NO. C-1021

THIS STANDARD DRAWING REVIEWED & ADOPTED FOR USE AT THE REFERENCED LOCATION BY THE UNDERSIGNED:

NORTH CAROLINA PROFESSIONAL SEAL 034352 ENGINEER TERRY R. PETERSON

DocuSigned by: Terry R. Peterson 5/19/2014
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DWG. NO. RPA-48

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

STANDARD

BRIDGE APPROACH SLAB FOR FLEXIBLE PAVEMENT

REVISIONS						
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			

SHEET NO. S-265
TOTAL SHEETS 707

STR #7

STD. NO. BAS2 (SHT 4b)

ASSEMBLED BY : W. B. ALLEN		DATE : 9/13	
CHECKED BY : T. R. PETERSON		DATE : 10/13	
DRAWN BY : EEM 3/95	REV. 10/1/11	MAA/GM	
CHECKED BY : VAP 3/95	REV. 12/21/11	MAA/GM	
	REV. 6/13	MAA/GM	

5/19/2014 8:35:16 AM R:\Structures\U-2579B Ramp A\U-2579B_RPA_SD_AS_02.dgn