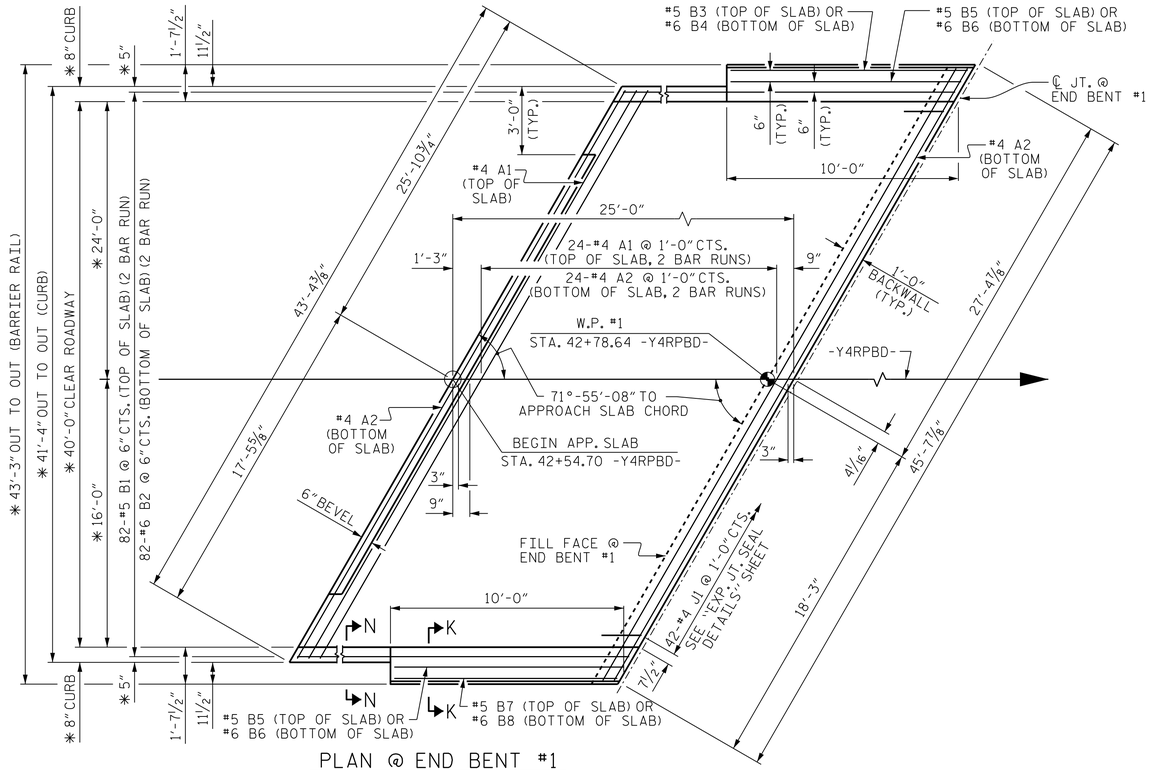
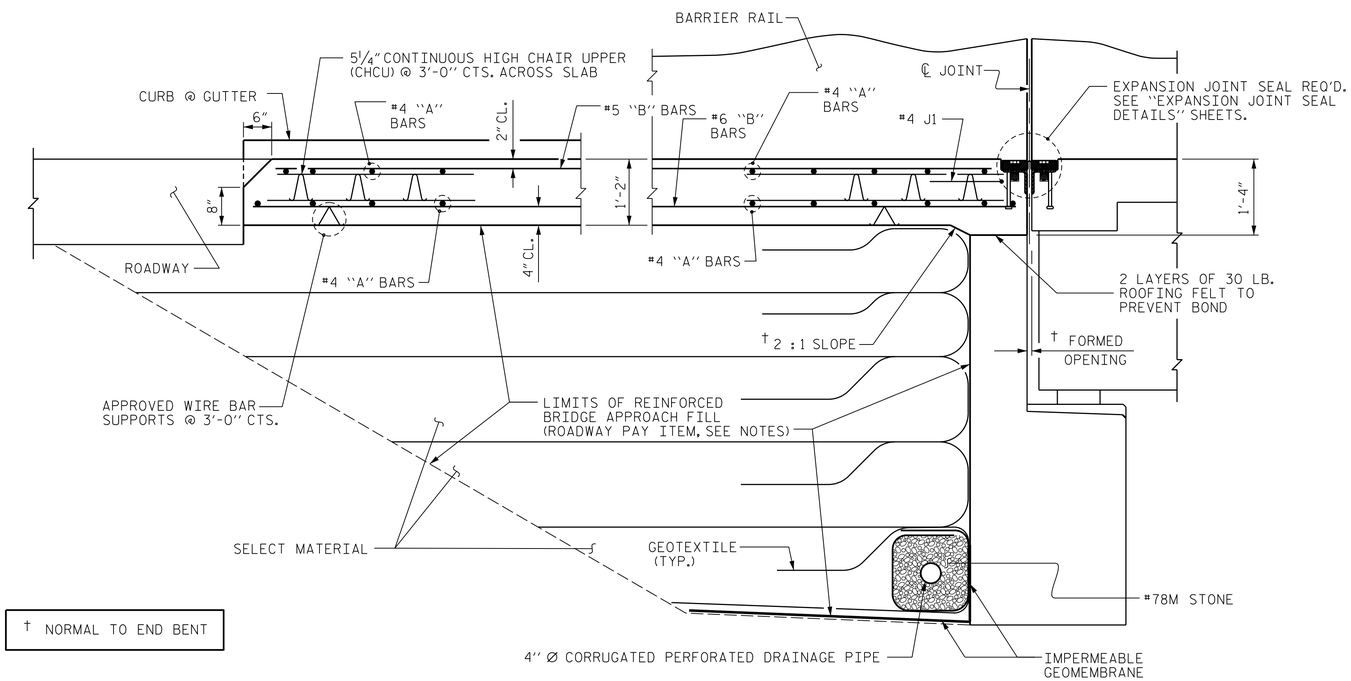


PLAN @ END BENT #1

✱ RADIAL DIMENSIONS



† NORMAL TO END BENT

SECTION THRU SLAB

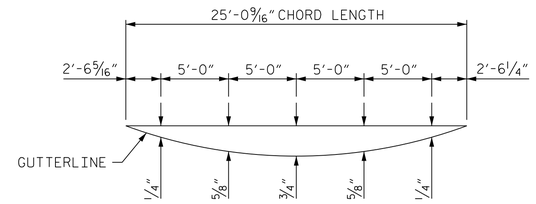
NOTES

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

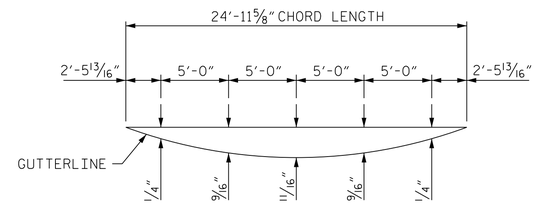
FOR REINFORCED BRIDGE APPROACH FILL INCLUDING GEOTEXTILE, IMPERMEABLE GEOMEMBRANE, 4" Ø DRAINAGE PIPE, #78M STONE, AND SELECT MATERIAL, SEE ROADWAY PLANS.

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.



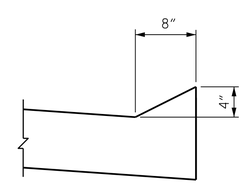
LEFT SIDE



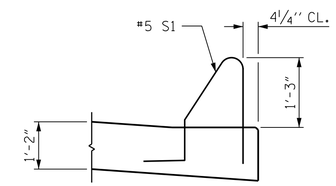
RIGHT SIDE

ARC OFFSETS

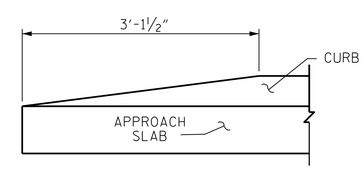
APPROACH SLAB @ END BENT #1



SECTION N-N



SECTION K-K

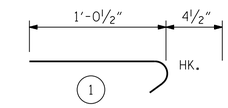


END OF CURB WITHOUT SHOULDER BERM GUTTER

CURB DETAILS

BILL OF MATERIAL					
APPROACH SLAB AT EB #1					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✱ A1	50	4	STR	23'-8"	790
A2	52	4	STR	23'-7"	819
✱ B1	164	5	STR	13'-2"	2252
B2	164	6	STR	13'-8"	3366
✱ B3	1	5	STR	10'-0"	10
B4	1	6	STR	10'-0"	15
✱ B5	2	5	STR	9'-10"	21
B6	2	6	STR	9'-10"	30
✱ B7	1	5	STR	9'-8"	10
B8	1	6	STR	9'-8"	15
✱ J1	42	4	1	1'-5"	40
REINFORCING STEEL ✱✱ LBS.					4245
✱ EPOXY COATED REINFORCING STEEL ✱✱ LBS.					3123
CLASS AA CONCRETE ✱✱ C. Y.					45.5

BAR TYPE



ALL BAR DIMENSIONS ARE OUT TO OUT

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

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

PROJECT NO. U-2579B

FORSYTH COUNTY

STATION: 44+08.64 -Y4RPBD-

SHEET 1 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

STANDARD

BRIDGE APPROACH SLAB FOR FLEXIBLE PAVEMENT

DESIGNED BY: J. SMITH	DATE : APR 2014	DRAWN BY : EEM 3/95	REV. 5/7/03R RWW/JTE
DRAWN BY: K. WHITE	DATE : APR 2014	CHECKED BY : VAP 3/95	REV. 5/1/06RR KMM/GM
CHECKED BY: J. BORUTA	DATE : APR 2014		REV. 10/1/11 MAA/GM
DESIGN ENGINEER OF RECORD: J. DOUGHTY	DATE : MAY 2014		

PARSONS BRINCKERHOFF
434 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
LICENSE NO. F-0165

NORTH CAROLINA PROFESSIONAL SEAL 032967 ENGINEER JASON R. DOUGHTY
6/2/2014
DocuSigned by: Jason R Doughty
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REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-582
1			3			TOTAL SHEETS
2			4			707

STR. #15

STD. NO. BAS2 (SHT 4b)

6/2/2014
173498C_SD_BAS_1501.dgn