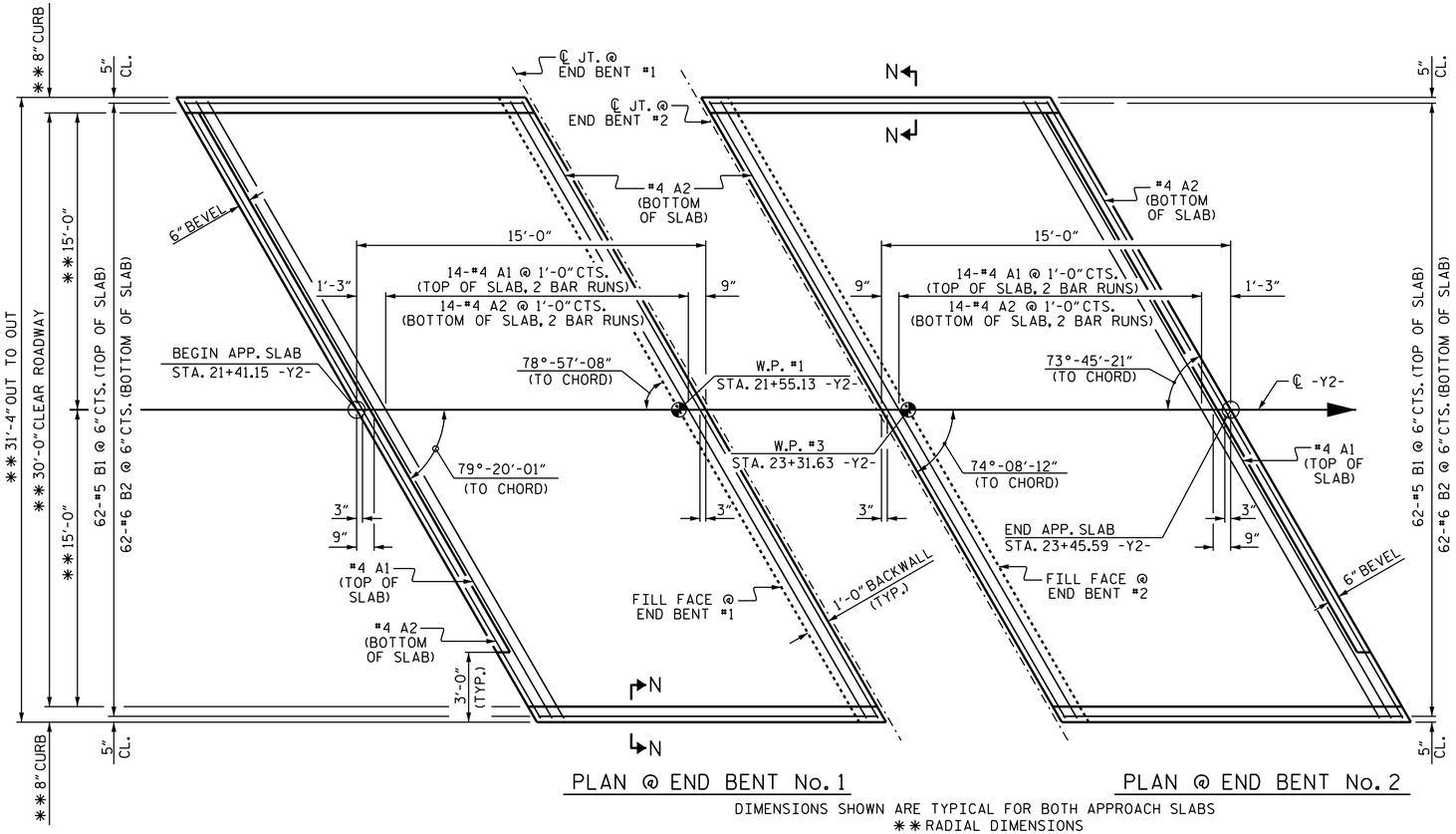
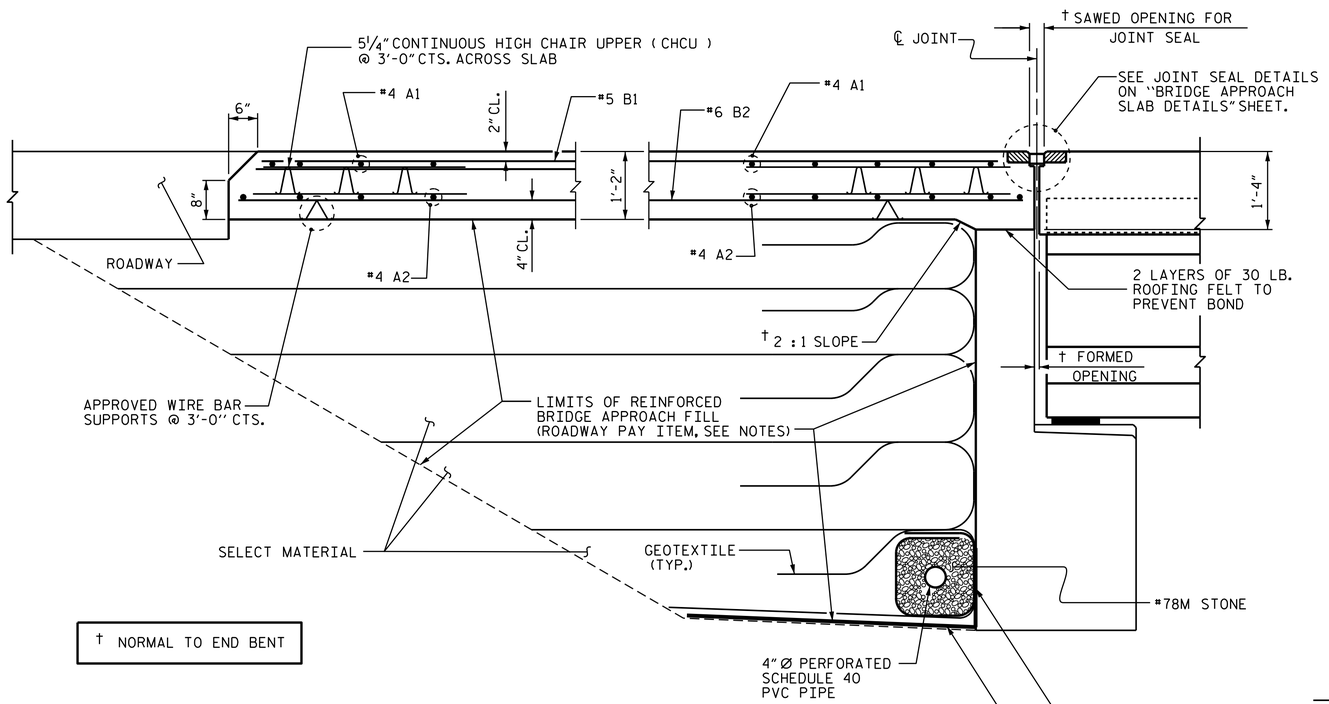


PLAN @ END BENT No. 1

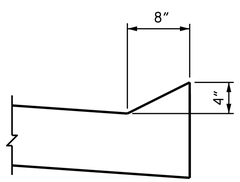
PLAN @ END BENT No. 2

DIMENSIONS SHOWN ARE TYPICAL FOR BOTH APPROACH SLABS
✱✱RADIAL DIMENSIONS

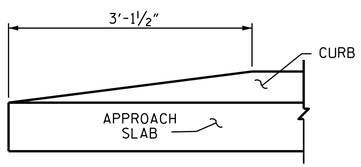


† NORMAL TO END BENT

SECTION THRU SLAB



SECTION N-N



END OF CURB WITHOUT SHOULDER BERM GUTTER

CURB DETAILS

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.

THE JOINT SHALL BE SAWED PRIOR TO THE CASTING OF THE BARRIER RAIL OR PARAPET AND END POST.

WITH FOAM JOINT SEAL

FOR FOAM JOINT SEALS, SEE SPECIAL PROVISIONS.

THE NOMINAL UNCOMPRESSED SEAL WIDTH OF THE FOAM JOINT SEAL SHALL BE 2".

FOR ELASTOMERIC CONCRETE, SEE SPECIAL PROVISIONS.

BILL OF MATERIAL

APPROACH SLAB AT EB No. 1

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✱ A1	30	#4	STR	16'-9"	336
A2	32	#4	STR	16'-8"	356
✱ B1	62	#5	STR	13'-9"	889
B2	62	#6	STR	14'-7"	1,358

REINFORCING STEEL	1,714 LBS.
✱ EPOXY COATED REINFORCING STEEL	1,225 LBS.
CLASS AA CONCRETE	20.7 CU.YDS.

APPROACH SLAB AT EB No. 2

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✱ A1	30	#4	STR	17'-1"	342
A2	32	#4	STR	17'-0"	363
✱ B1	62	#5	STR	13'-9"	889
B2	62	#6	STR	14'-7"	1,358

REINFORCING STEEL	1,721 LBS.
✱ EPOXY COATED REINFORCING STEEL	1.231 LBS.
CLASS AA CONCRETE	21.1 CU.YDS.

SPLICE LENGTHS

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

PROJECT NO. R-2514B
ONSLOW & JONES COUNTY
STATION: 116+07.49 -L-

SHEET 1 OF 2

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

STANDARD

BRIDGE APPROACH SLAB FOR FLEXIBLE PAVEMENT

NORTH CAROLINA PROFESSIONAL SEAL 14045 ENGINEER TIMOTHY L. COGGINS
DocuSigned by: Tim Coggins DEFD4A8D48FA47B...
3/26/2015

REVISIONS							SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:		S1-030
1			3				TOTAL SHEETS
2			4				31

ASSEMBLED BY : M.D. PISO	DATE : 11-30-12		
CHECKED BY : G. KOUCHEKI	DATE : 03-12-14		
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	

25-MAR-2015 14:15
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nruffin

STR. #1

STD. NO. BAS2 (SHT 1a)