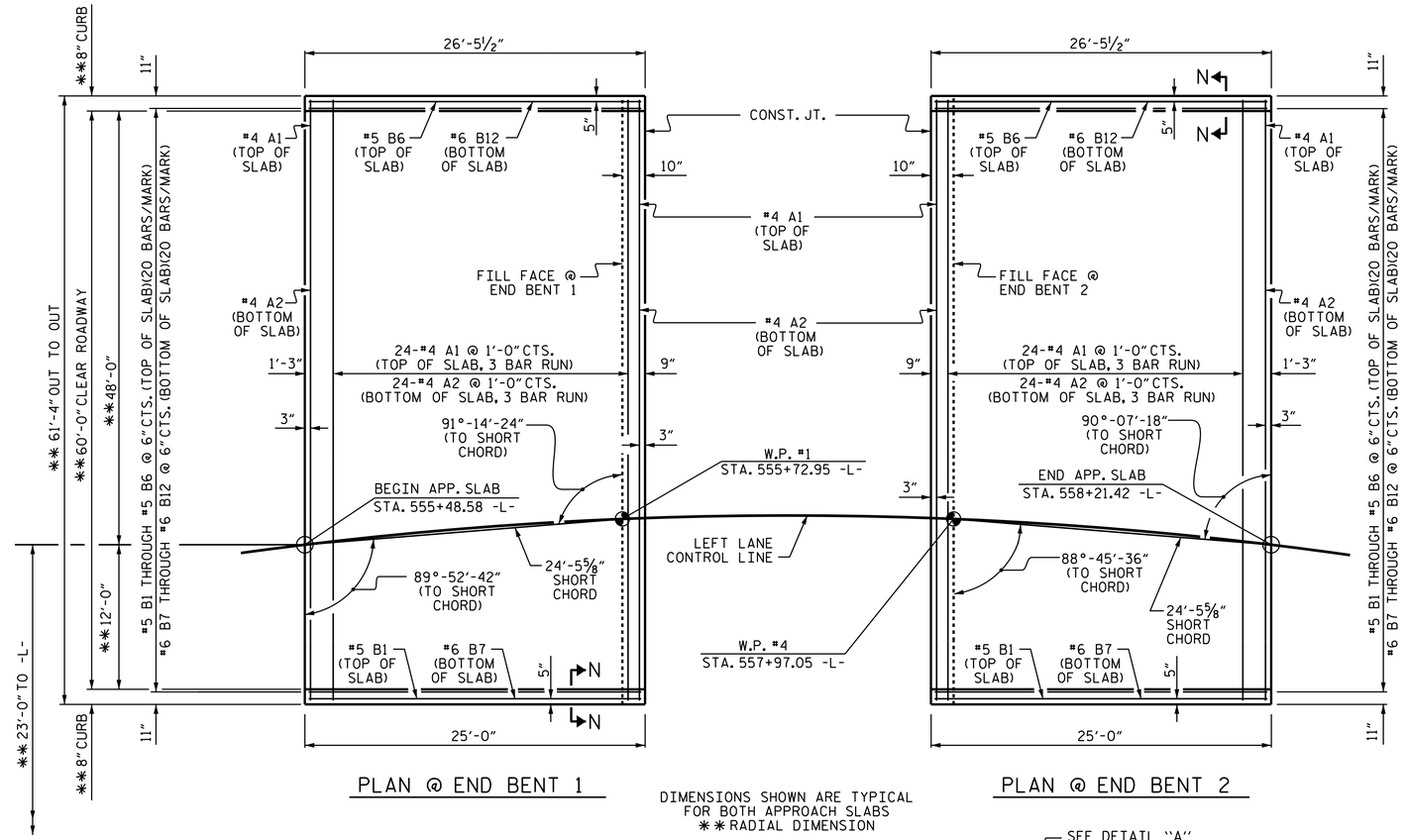


PLAN @ END BENT 1

PLAN @ END BENT 2

DIMENSIONS SHOWN ARE TYPICAL FOR BOTH APPROACH SLABS
** RADIAL DIMENSION

NOTES

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

FOR REINFORCED BRIDGE APPROACH FILL FABRIC WALL INCLUDING GEOTEXTILE, IMPERMEABLE GEOMEMBRANE, 4" Ø DRAINAGE PIPE, #78M STONE, WELDED WIRE FORM, 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.

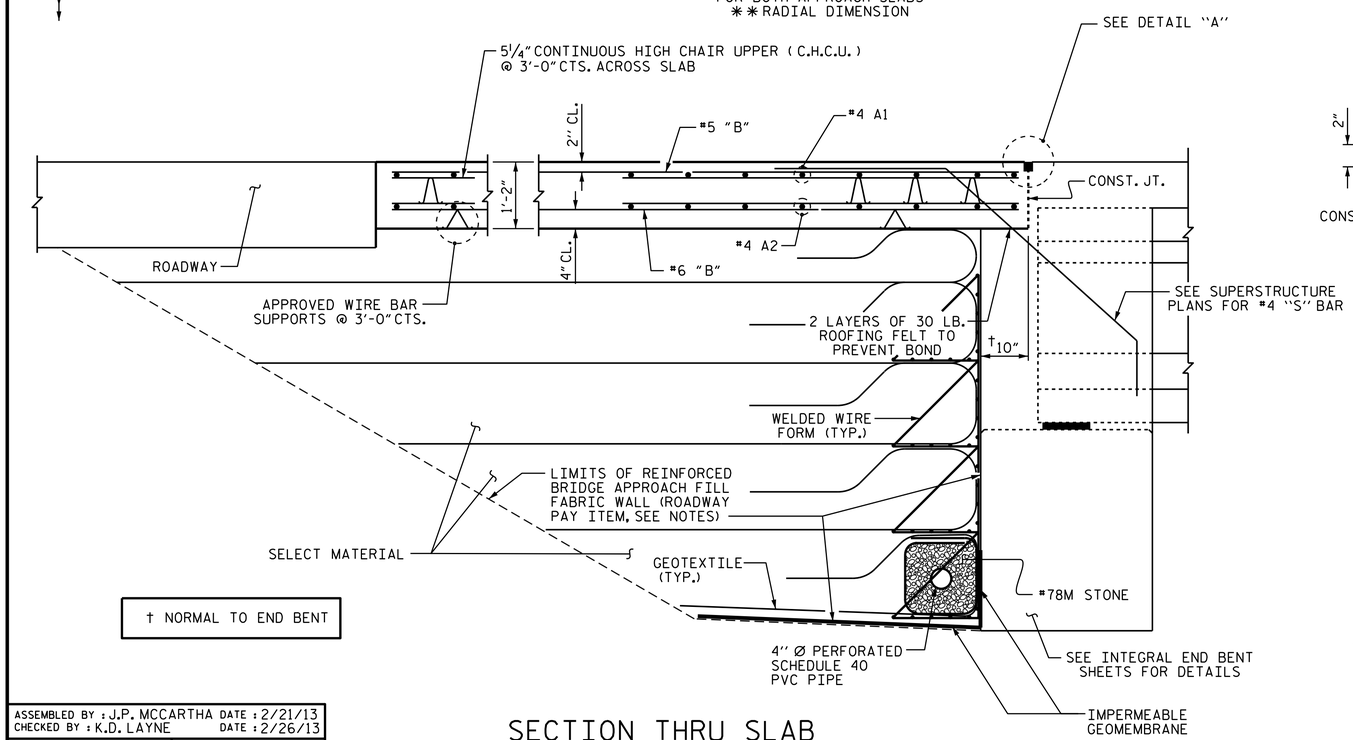
THE JOINT OPENING AT THE APPROACH SLAB/DECK INTERFACE SHALL BE SAWED NO MORE THAN 12 HOURS AFTER THE APPROACH SLAB IS CAST. THE JOINT SHALL BE CLEANED OF ALL DEBRIS BEFORE THE SEALANT IS APPLIED. THE JOINT SEALER MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF SECTION 1028-3 OF THE STANDARD SPECIFICATIONS.

ARC OFFSETS ARE NEGLIGIBLE.

BILL OF MATERIAL

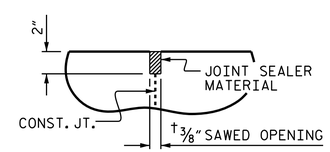
FOR ONE APPROACH SLAB (2 REQ'D.)

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	78	#4	STR	21'-8"	1129
A2	78	#4	STR	21'-6"	1120
* B1	21	#5	STR	24'-8"	540
* B2	20	#5	STR	24'-11"	520
* B3	20	#5	STR	25'-2"	525
* B4	20	#5	STR	25'-5"	530
* B5	20	#5	STR	25'-6"	532
* B6	21	#5	STR	25'-10"	566
B7	21	#6	STR	24'-8"	778
B8	20	#6	STR	24'-11"	748
B9	20	#6	STR	25'-2"	756
B10	20	#6	STR	25'-5"	764
B11	20	#6	STR	25'-6"	766
B12	21	#6	STR	25'-10"	815
REINFORCING STEEL				LBS.	5,747
* EPOXY COATED REINFORCING STEEL				LBS.	4,342
CLASS AA CONCRETE				C.Y.	68.4

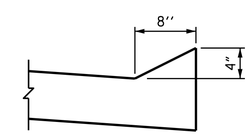


† NORMAL TO END BENT

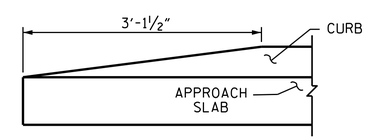
SECTION THRU SLAB



DETAIL "A"



SECTION N-N



END OF CURB WITHOUT SHOULDER BERM GUTTER

PROJECT NO. U-2579B
FORSYTH COUNTY
STATION: 556+85.00 -L-

SHEET 1 OF 2

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

STANDARD

BRIDGE APPROACH SLAB FOR INTEGRAL ABUTMENT

(LEFT LANE)

NORTH CAROLINA PROFESSIONAL SEAL 10730 ENGINEER D. ANDRE DAVENPORT, JR.

DocuSigned by: D. Andre Davenport, Jr. 8/1/2014

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-101
1			3			TOTAL SHEETS
2			4			707

STR. #3

STD. NO. BAS5

ASSEMBLED BY : J.P. MCCARTHA DATE : 2/21/13
CHECKED BY : K.D. LAYNE DATE : 2/26/13

DRAWN BY : TLA 10/05
CHECKED BY : GM 5/06

ADDED 5/1/06RR KMM/GM
REV. 10/1/11 MAA/GM
REV. 12/21/11 MAA/GM

01-AUG-2014 09:36
R:\Structures\Plans\Str03\U2579B_SD_AS_03.dgn
lsutton