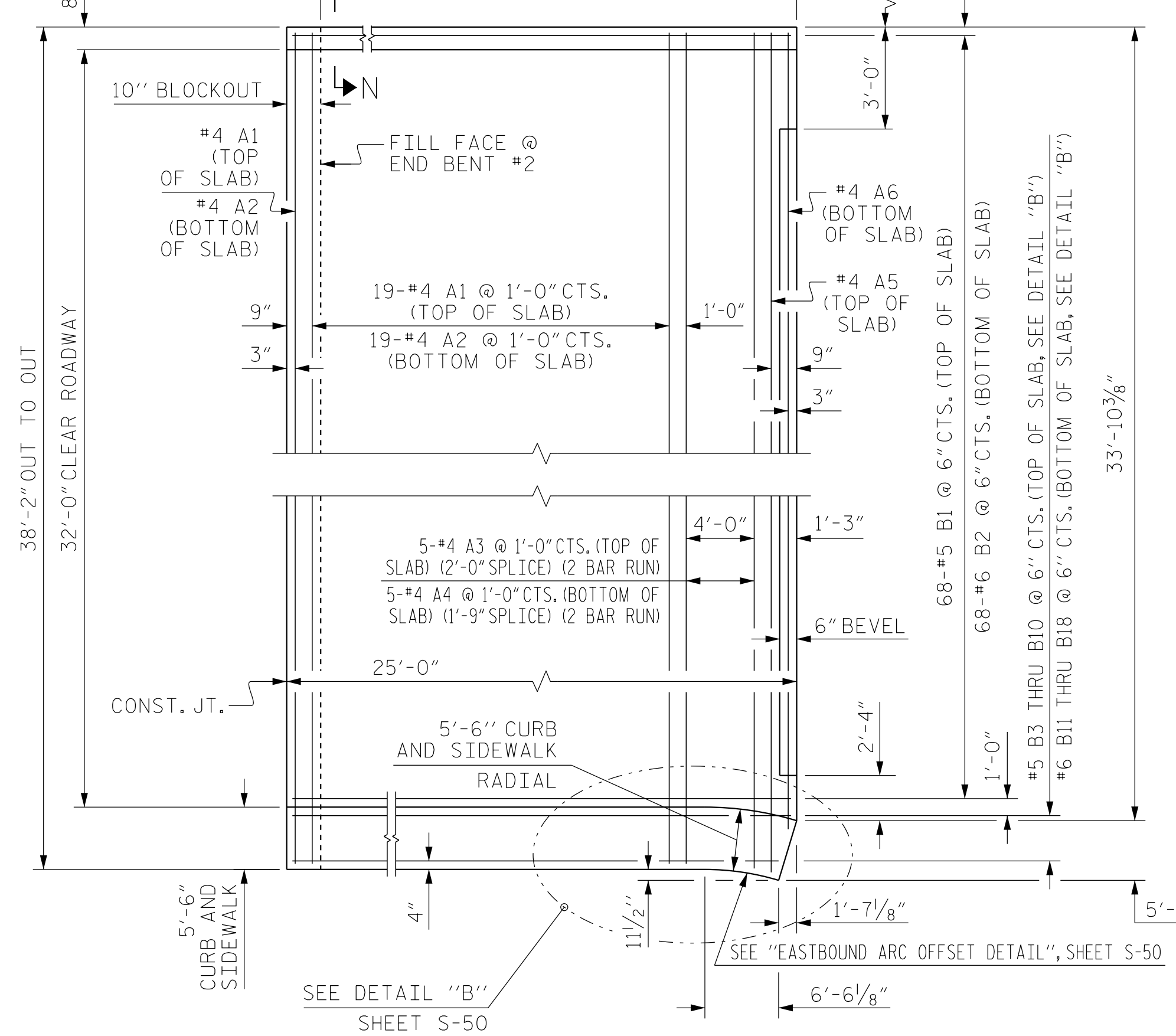
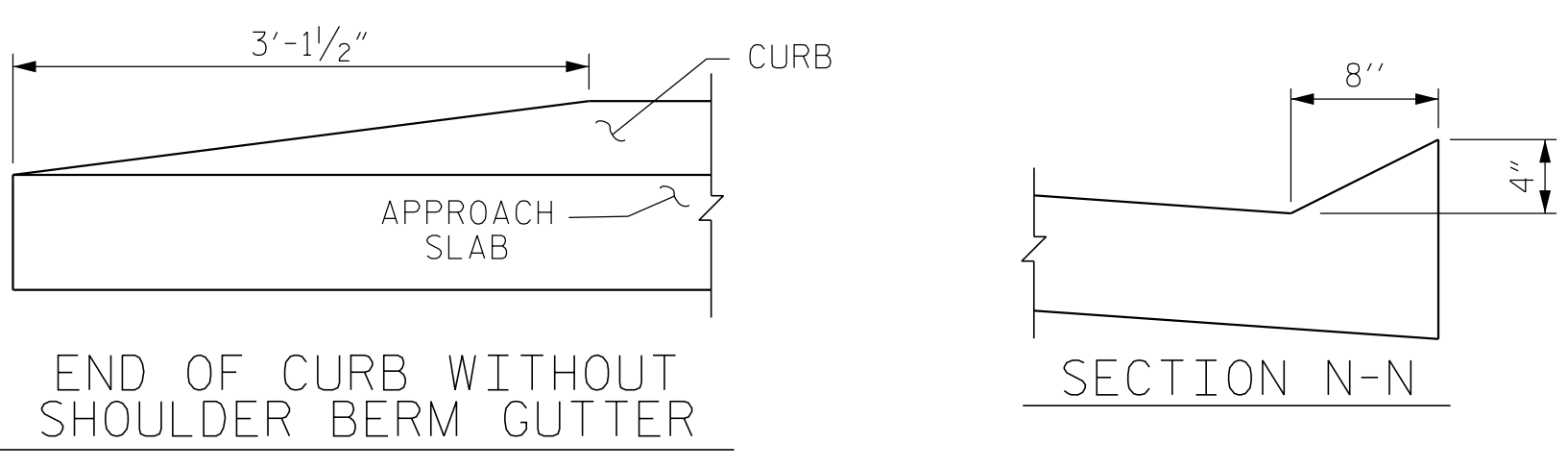


PLAN @ END BENT #1
DIMENSIONS SHOWN ABOVE ARE TYPICAL FOR BOTH APPROACH SLABS AT END BENT #1

PLAN @ END BENT #2

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 SAWS 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.



BILL OF MATERIAL
FOR ONE APPROACH SLAB AT END BENT 1 (2 REQ'D)

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	26	#4	STR	37'-10"	658
A2	26	#4	STR	37'-10"	658
* B1	76	#5	STR	24'-2"	1917
B2	76	#6	STR	24'-8"	2818
REINFORCING STEEL					LBS. 3,476
* EPOXY COATED REINFORCING STEEL					LBS. 2,575
CLASS AA CONCRETE					C. Y. 41.2

BILL OF MATERIAL
FOR WESTBOUND APPROACH SLAB AT END BENT 2 (1 REQ'D)

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	12	#4	STR	37'-10"	304
A2	12	#4	STR	37'-10"	304
* A3	26	#4	STR	22'-3"	387
A4	26	#4	STR	22'-3"	387
* A5	1	#4	STR	39'-5"	27
A6	1	#4	STR	38'-9"	26
* B1	76	#5	STR	24'-2"	1917
B2	76	#6	STR	24'-8"	2818
* B3	1	#5	STR	7'-3"	8
* B4	1	#5	STR	12'-3"	13
* B5	1	#5	STR	10'-0"	11
* B6	1	#5	STR	9'-8"	11
* B7	1	#5	STR	11'-5"	12
* B8	1	#5	STR	9'-2"	10
* B9	1	#5	STR	8'-11"	10
* B10	1	#5	STR	8'-7"	9
* B11	1	#5	STR	12'-7"	14
* B12	1	#5	STR	5'-11"	7
* B13	1	#5	STR	3'-9"	4
* B14	1	#5	STR	4'-0"	5
B15	1	#6	STR	7'-3"	11
B16	1	#6	STR	12'-3"	19
B17	1	#6	STR	10'-0"	16
B18	1	#6	STR	9'-8"	15
B19	1	#6	STR	11'-5"	18
B20	1	#6	STR	9'-2"	14
B21	1	#6	STR	8'-11"	14
B22	1	#6	STR	8'-7"	13
B23	1	#6	STR	12'-7"	19
B24	1	#6	STR	5'-11"	9
B25	1	#6	STR	3'-9"	6
B26	1	#6	STR	4'-0"	7
* B27	1	#5	STR	5'-4"	6
B28	1	#6	STR	5'-4"	9
REINFORCING STEEL					LBS. 3,361
* EPOXY COATED REINFORCING STEEL					LBS. 2,736
CLASS AA CONCRETE					C. Y. 41.2

BILL OF MATERIAL
FOR EASTBOUND APPROACH SLAB AT END BENT 2 (1 REQ'D)

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	12	#4	STR	37'-10"	304
A2	12	#4	STR	37'-10"	304
* A3	26	#4	STR	22'-3"	387
A4	26	#4	STR	22'-3"	387
* A5	1	#4	STR	39'-5"	27
A6	1	#4	STR	38'-9"	26
* B1	76	#5	STR	24'-2"	1917
B2	76	#6	STR	24'-8"	2818
* B3	1	#5	STR	7'-3"	8
* B4	1	#5	STR	12'-3"	13
* B5	1	#5	STR	10'-0"	11
* B6	1	#5	STR	9'-8"	11
* B7	1	#5	STR	11'-5"	12
* B8	1	#5	STR	9'-2"	10
* B9	1	#5	STR	8'-11"	10
* B10	1	#5	STR	8'-7"	9
* B11	1	#5	STR	12'-7"	14
* B12	1	#5	STR	5'-11"	7
* B13	1	#5	STR	3'-9"	4
* B14	1	#5	STR	4'-0"	5
B15	1	#6	STR	7'-3"	11
B16	1	#6	STR	12'-3"	19
B17	1	#6	STR	10'-0"	16
B18	1	#6	STR	9'-8"	15
B19	1	#6	STR	11'-5"	18
B20	1	#6	STR	9'-2"	14
B21	1	#6	STR	8'-11"	14
B22	1	#6	STR	8'-7"	13
B23	1	#6	STR	12'-7"	19
B24	1	#6	STR	5'-11"	9
B25	1	#6	STR	3'-9"	6
B26	1	#6	STR	4'-0"	7
* B27	1	#5	STR	5'-4"	6
B28	1	#6	STR	5'-4"	9
REINFORCING STEEL					LBS. 3,705
* EPOXY COATED REINFORCING STEEL					LBS. 2,755
CLASS AA CONCRETE					C. Y. 42.6

BILL OF MATERIAL
FOR EASTBOUND APPROACH SLAB AT END BENT 2 (1 REQ'D)

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	20	#4	STR	37'-10"	506
A2	20	#4	STR	37'-10"	506
* A7	10	#4	STR	20'-4"	136
A8	10	#4	STR	20'-4"	136
* A9	1	#4	STR	35'-7"	24
A10	1	#4	STR	33'-11"	23
* B1	68	#5	STR	24'-2"	1716
B2	68	#6	STR	24'-8"	2521
* B29	1	#5	STR	24'-6"	26
* B30	1	#5	STR	24'-4"	26
* B31	1	#5	STR	24'-2"	26
* B32	1	#5	STR	24'-0"	26
* B33	1	#5	STR	23'-11"	25
* B34	1	#5	STR	23'-9"	25
* B35	1	#5	STR	23'-7"	25
* B36	1	#5	STR	23'-5"	25
B37	1	#6	STR	24'-6"	37
B38	1	#6	STR	24'-4"	37
B39	1	#6	STR	24'-2"	37
B40	1	#6	STR	24'-0"	37
B41	1	#6	STR	23'-11"	36
B42	1	#6	STR	23'-9"	36
B43	1	#6	STR	23'-7"	36
B44	1	#6	STR	23'-5"	36
* B45	1	#5	STR	3'-10"	5
B46	1	#6	STR	3'-10"	6
* B47	1	#5	STR	2'-0"	3
B48	1	#6	STR	2'-0"	4
* B49	1	#5	STR	5'-7"	6
B50	1	#6	STR	5'-7"	9
REINFORCING STEEL					LBS. 3,361
* EPOXY COATED REINFORCING STEEL					LBS. 2,736
CLASS AA CONCRETE					C. Y. 41.2

PROJECT NO. R-5605
 TRANSYLVANIA COUNTY
 STATION: 50+83.00 -L-

SHEET 1 OF 3
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 STANDARD
 BRIDGE APPROACH SLAB
 FOR INTEGRAL ABUTMENT

ASSEMBLED BY :	PFC	DATE :	8/15
CHECKED BY :	CMT	DATE :	8/15
DRAWN BY :	TLA	REV. 10/1/11	MAA/GM
CHECKED BY :	GM	REV. 12/21/11	MAA/GM
		REV. 6/13	MAA/GM

Prepared in the Office of:

Mattern & Craig
 CONSULTING ENGINEERS - SURVEYORS
 FIRM LICENSE NO. C-1154
 12 BROAD STREET
 ASHEVILLE, NORTH CAROLINA 28801
 (828) 254-2201 - FAX (828) 254-4562

Professional Engineer Seal for Steven A. Campbell, License No. 14309, State of North Carolina. Date: 12/21/2015.

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-49
1			3			TOTAL SHEETS
2			4			51

*****SYST I ME*****
 *****DCN*****
 *****USER*****