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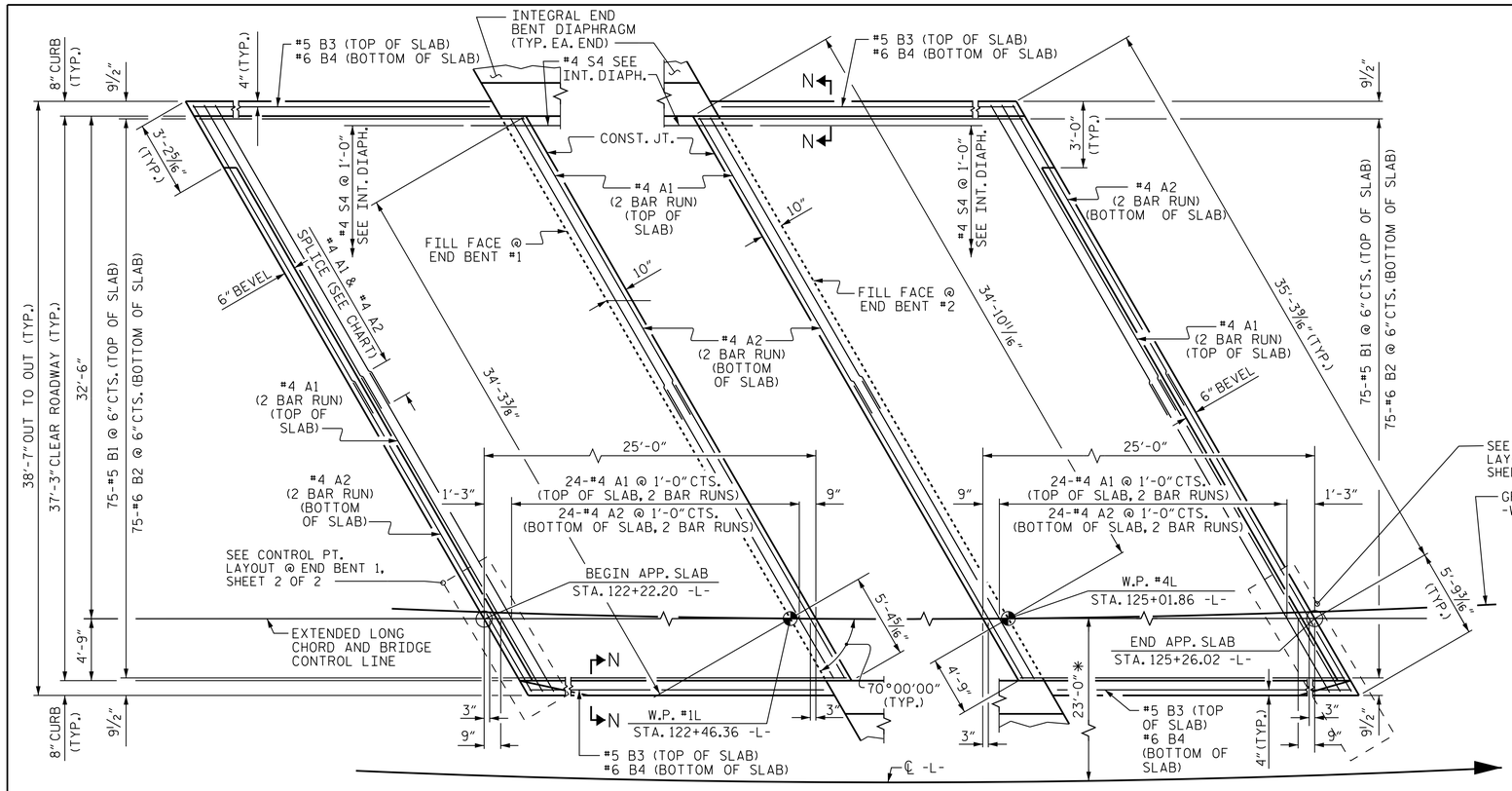


PLAN @ END BENT #1

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.

NOTE: SPLICE LENGTHS SHOWN FOR #4 A1 & #4 A2 BARS ARE IDENTICAL FOR CORRESPONDING BARS IN BOTH APPROACH SLABS.

BILL OF MATERIAL

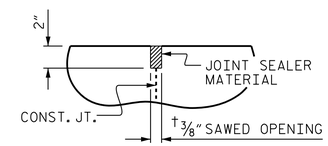
FOR ONE APPROACH SLAB (2 REQ'D)

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✱ A1	52	#4	STR	21'-4"	741
A2	52	#4	STR	21'-2"	735
✱ B1	75	#5	STR	24'-1"	1884
B2	75	#6	STR	24'-7"	2769
✱ B3	2	#5	STR	23'-9"	50
B4	2	#6	STR	23'-9"	71

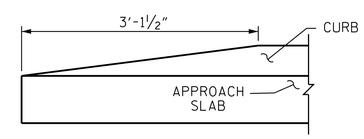
REINFORCING STEEL	LBS.	3575
✱ EPOXY COATED REINFORCING STEEL	LBS.	2675
CLASS AA CONCRETE	C. Y.	41.7

REINFORCING BAR SPLICE

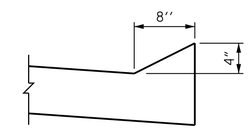
MARK NO.	SPLICE LENGTH
#4A1	2'-0"
#4A2	1'-9"



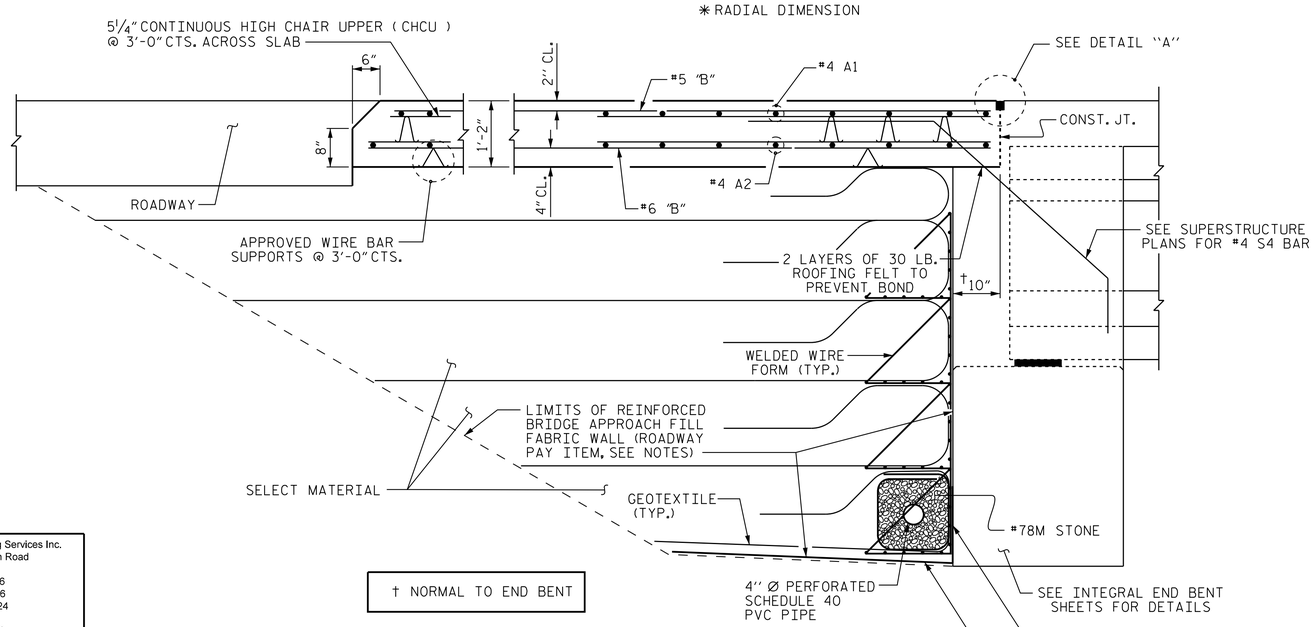
DETAIL "A"



END OF CURB WITHOUT SHOULDER BERM GUTTER



SECTION N-N



† NORMAL TO END BENT

SECTION THRU SLAB

PROJECT NO. R-0623

MONTGOMERY COUNTY

STATION: 123+82.50 -L-

SHEET 1 OF 2

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

STANDARD

BRIDGE APPROACH SLAB FOR INTEGRAL ABUTMENT

(WBL)

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-40
1			3			TOTAL SHEETS
2			4			82

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Fax. (919) 851-7024
www.stantec.com
License No. F-0672

ASSEMBLED BY : J. B. GEILE DATE : 11/25/13
CHECKED BY : T. R. DUDECK DATE : 11/25/13

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

REV. 10/1/11 MAA/GM
REV. 12/21/11 MAA/GM
REV. 6/13 MAA/GM

DESIGN ENGINEER OF RECORD: J. T. KELVINGTON DATE : 03-11-14

NORTH CAROLINA PROFESSIONAL SEAL 13406 ENGINEER JOSEPH T. KELVINGTON

DocuSigned by: Joseph T. Kelvington 847C9D3780774AF...
5/28/2014

STR. #1

STD. NO. BAS5 (SHT 2a)

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