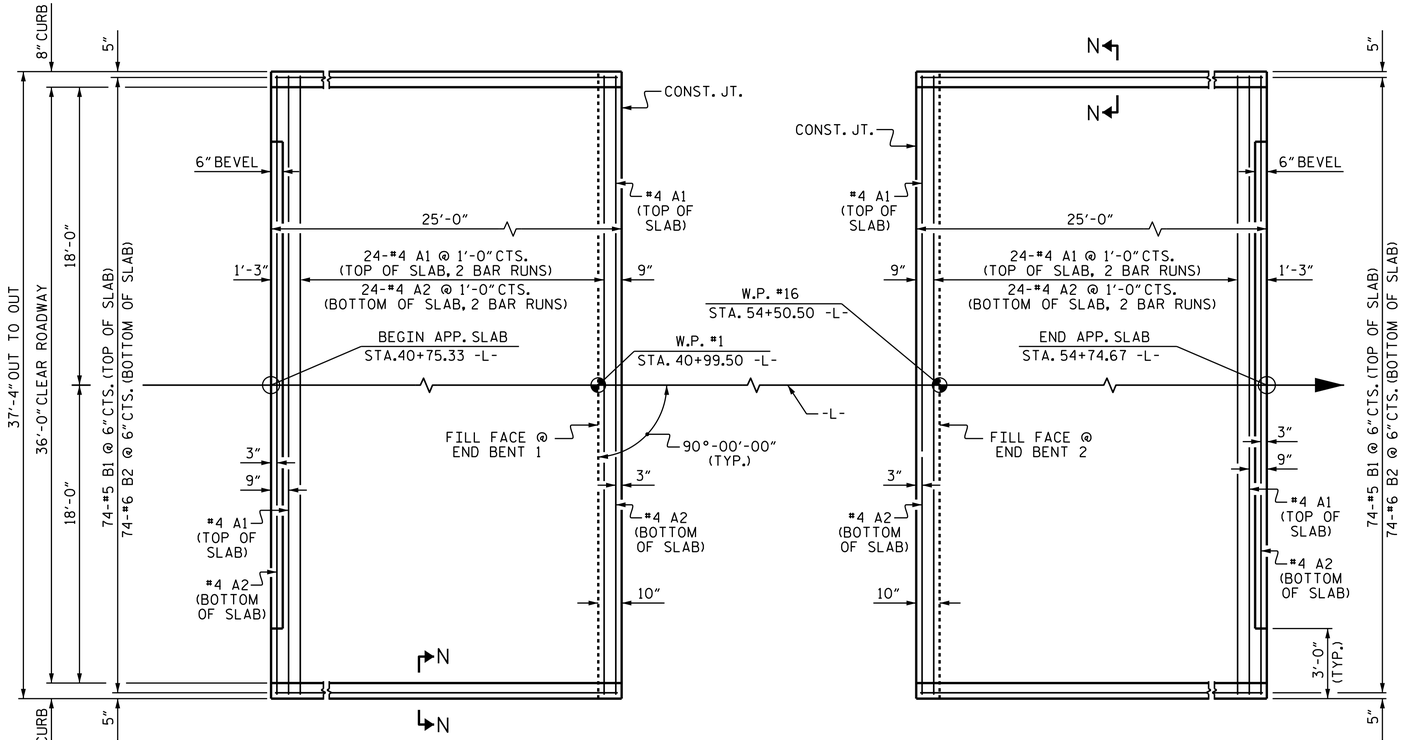


PLAN @ INTEGRAL END BENT 1

PLAN @ INTEGRAL END BENT 2

DIMENSIONS SHOWN ARE TYPICAL FOR BOTH APPROACH SLABS

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.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY DRAINAGE AND EROSION CONTROL.

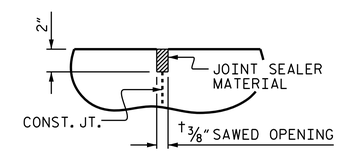
BILL OF MATERIAL

FOR ONE APPROACH SLAB (2 REQ'D)

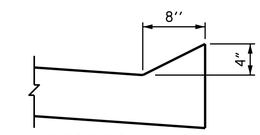
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	52	#4	STR	19'-6"	677
* A2	52	#4	STR	19'-6"	677
* B1	74	#5	STR	24'-0"	1852
* B2	74	#6	STR	24'-7"	2732
* EPOXY COATED REINFORCING STEEL					5938 LBS.
CLASS AA CONCRETE					40.2 C.Y.

SPLICE LENGTH CHART

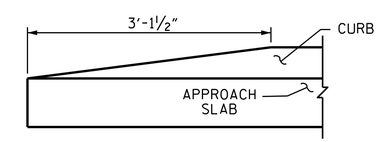
BAR	EPOXY COATED SPLICE LENGTH
#4	2'-0"



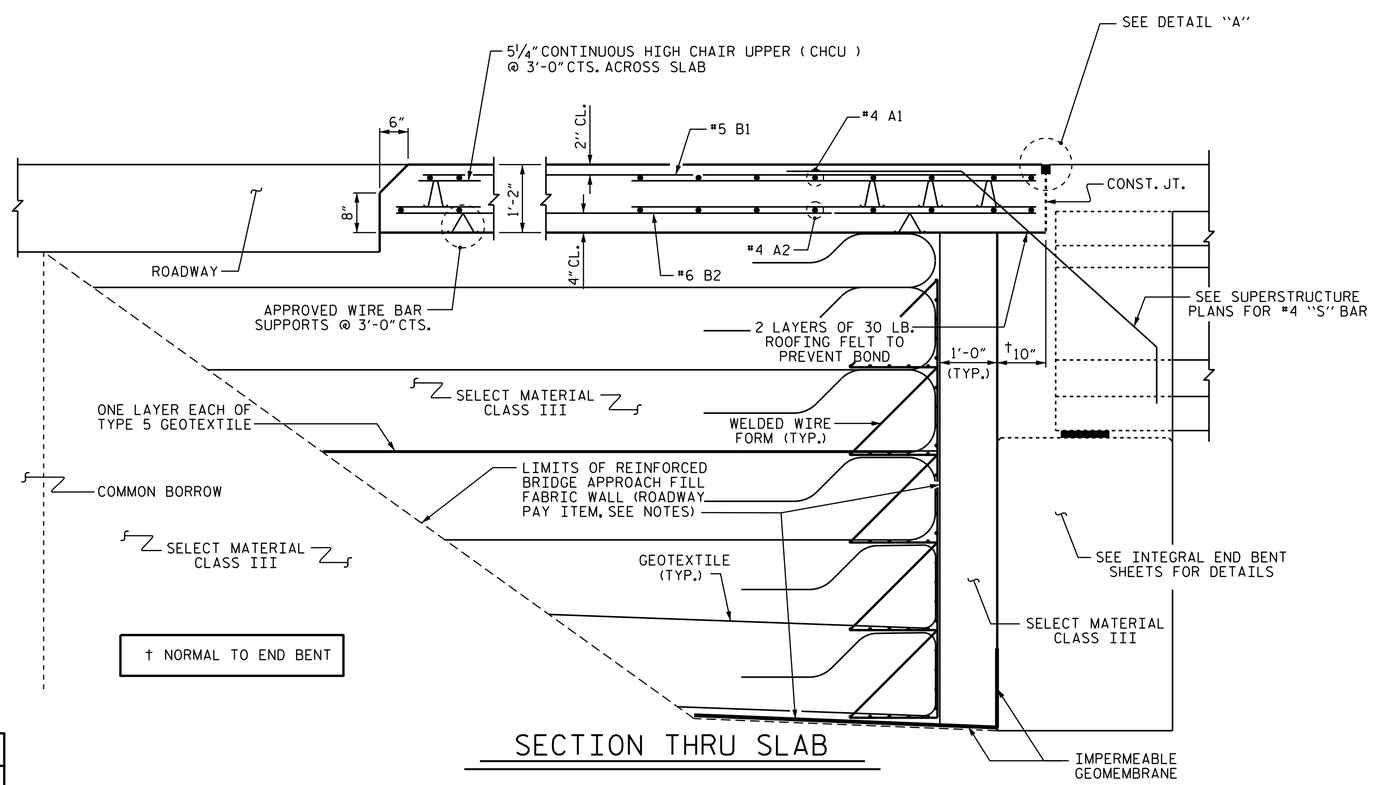
DETAIL "A"



SECTION N-N



END OF CURB WITHOUT SHOULDER BERM GUTTER



SECTION THRU SLAB

PROJECT NO. B-4722B

CARTERET COUNTY

STATION: 47+75.00 -L-

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

STANDARD

BRIDGE APPROACH SLAB FOR INTEGRAL END BENTS

NORTH CAROLINA PROFESSIONAL SEAL 22005 ENGINEER A. KEITH PASCHAL

DocuSigned by: A. Keith Paschal F8B6AD6DB2FC48F... 1/16/2015

REVISIONS							SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:		S-45
1			3				TOTAL SHEETS
2			4				45

ASSEMBLED BY : G. KOUCHEKI DATE : 9/4/14
CHECKED BY : D. G. ELY DATE : 10/3/14

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

16-JAN-2015 15:10
R:\structures\Final Plans\B4722B_SD_AS.dgn
kpaschal

STD. NO. BAS5 (SHT 2)