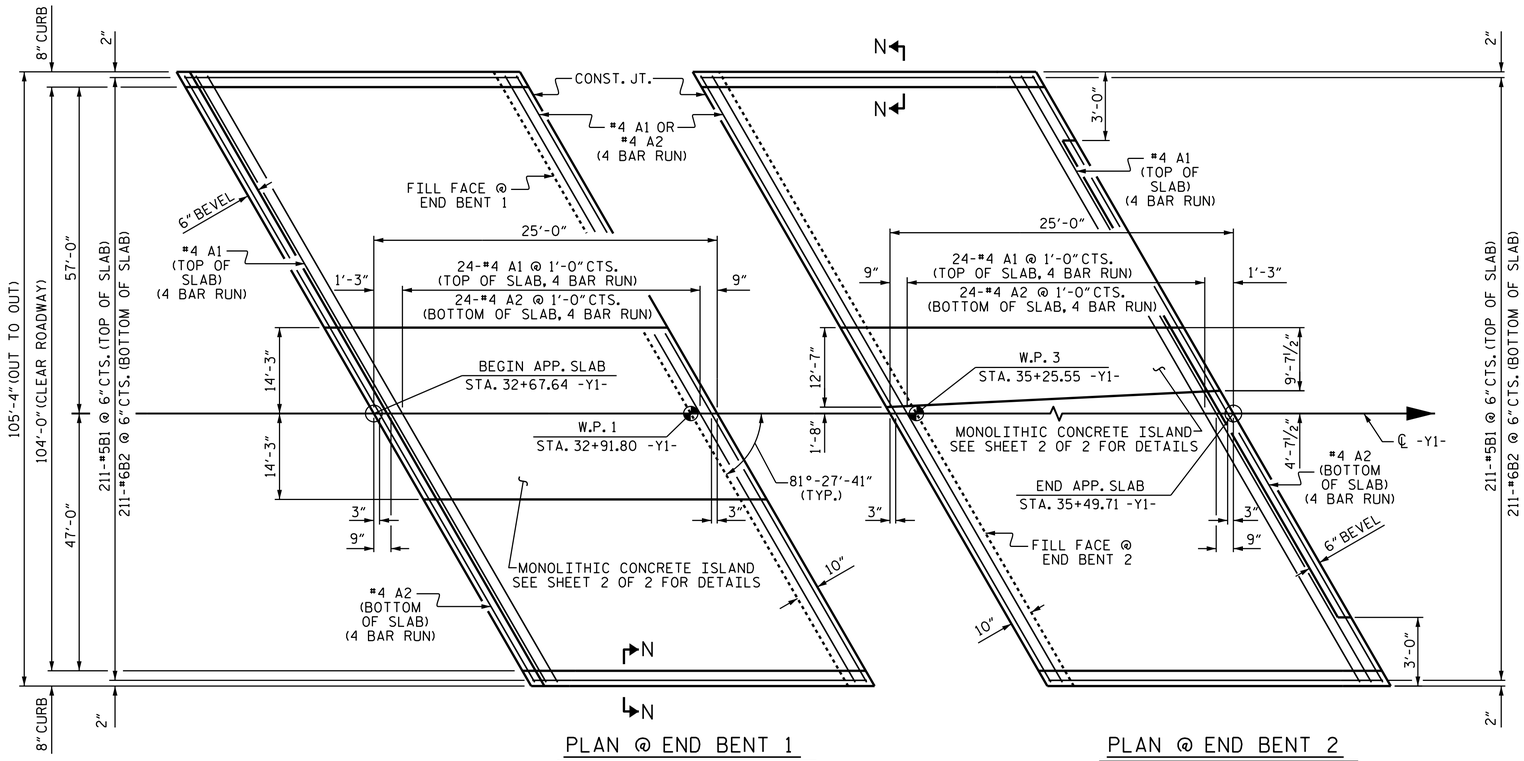


PLAN @ END BENT 1

PLAN @ 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.

BILL OF MATERIAL

APPROACH SLAB 1

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	104	#4	STR	28'-1"	1951
A2	104	#4	STR	27'-11"	1939
* B1	211	#5	STR	24'-2"	5318
B2	211	#6	STR	24'-8"	7817
* B3	19	#4	STR	24'-8"	313
* G1	17	#4	STR	27'-6"	312

REINFORCING STEEL LBS. 9,756

* EPOXY COATED REINFORCING STEEL LBS. 7,894

CLASS AA CONCRETE
POUR #1 - APP. SLAB C.Y. 113.5
POUR #2 - ISLAND C.Y. 10.8
TOTAL C.Y. 124.3

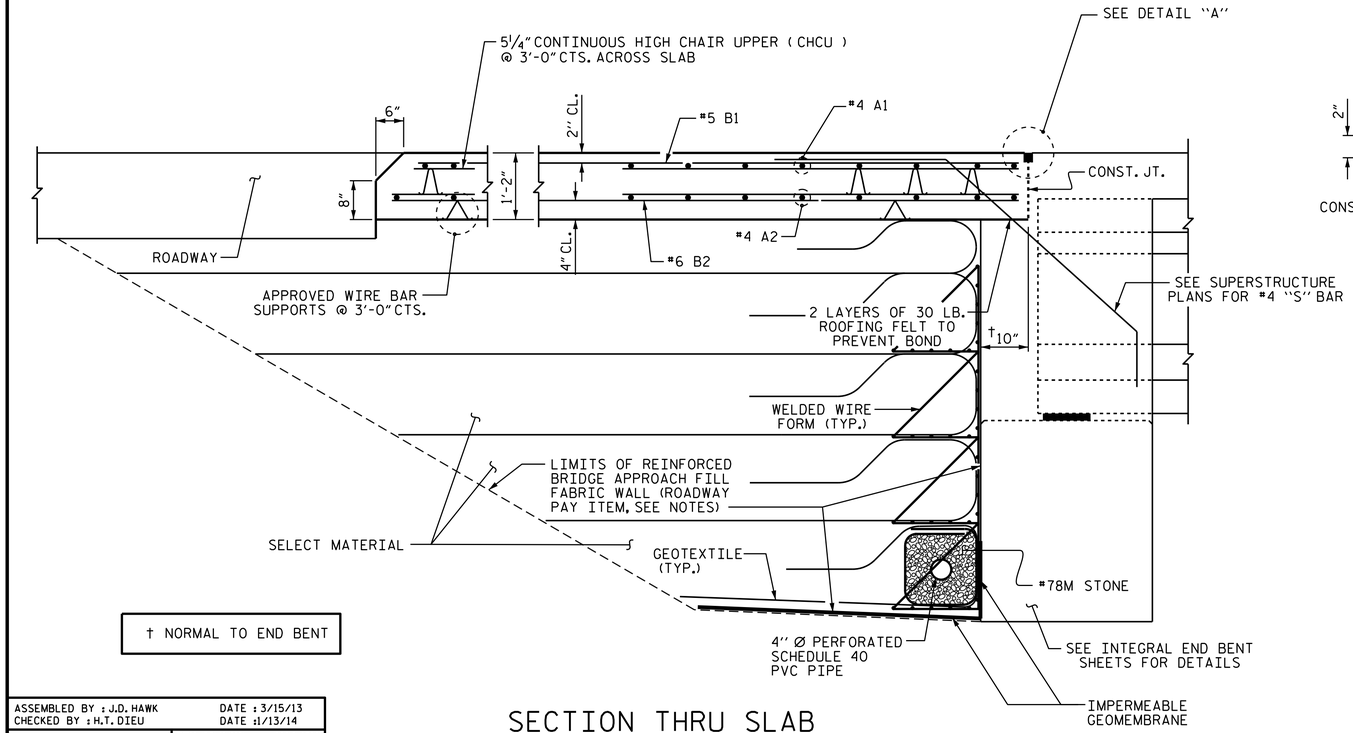
APPROACH SLAB 2

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	104	#4	STR	28'-1"	1951
A2	104	#4	STR	27'-11"	1939
* B1	211	#5	STR	24'-2"	5318
B2	211	#6	STR	24'-8"	7817
* B3	6	#4	STR	24'-8"	99
* B4	1	#4	STR	18'-3"	12
* B5	1	#4	STR	5'-6"	4
* G2	2	#4	STR	11'-2"	15
* G3	3	#4	STR	10'-7"	21
* G4	3	#4	STR	10'-1"	20
* G5	3	#4	STR	9'-6"	19
* G6	3	#4	STR	9'-0"	18
* G7	3	#4	STR	8'-5"	17

REINFORCING STEEL LBS. 9,756

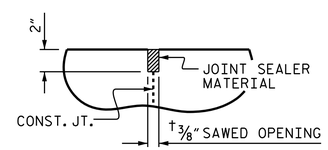
* EPOXY COATED REINFORCING STEEL LBS. 7,494

CLASS AA CONCRETE
POUR #1 - APP. SLAB C.Y. 113.5
POUR #2 - ISLAND C.Y. 4.1
TOTAL C.Y. 117.6

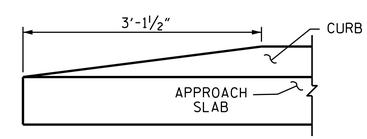


† NORMAL TO END BENT

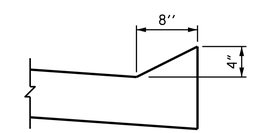
SECTION THRU SLAB



DETAIL "A"



END OF CURB WITHOUT SHOULDER BERM GUTTER



SECTION N-N

PROJECT NO. U-2579B
FORSYTH COUNTY
STATION: 482+13.14 -L-

SHEET 1 OF 2

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

STANDARD

BRIDGE APPROACH SLAB FOR INTEGRAL ABUTMENT

NORTH CAROLINA PROFESSIONAL SEAL 031480 ENGINEER DONALD R. SMITH, JR.

Docusigned by: Donald R. Smith Jr. 43B435A14F38465... 7/30/2014

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-34
1			3			TOTAL SHEETS
2			4			707

STR. #1

STD. NO. BAS5

ASSEMBLED BY : J.D. HAWK		DATE : 3/15/13	
CHECKED BY : H.T. DIEU		DATE : 1/13/14	
DRAWN BY : TLA 10/05	REV. 10/1/11	MAA/GM	
CHECKED BY : GM 5/06	REV. 12/21/11	MAA/GM	
	REV. 6/13	MAA/GM	

29-JUL-2014 14:36
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