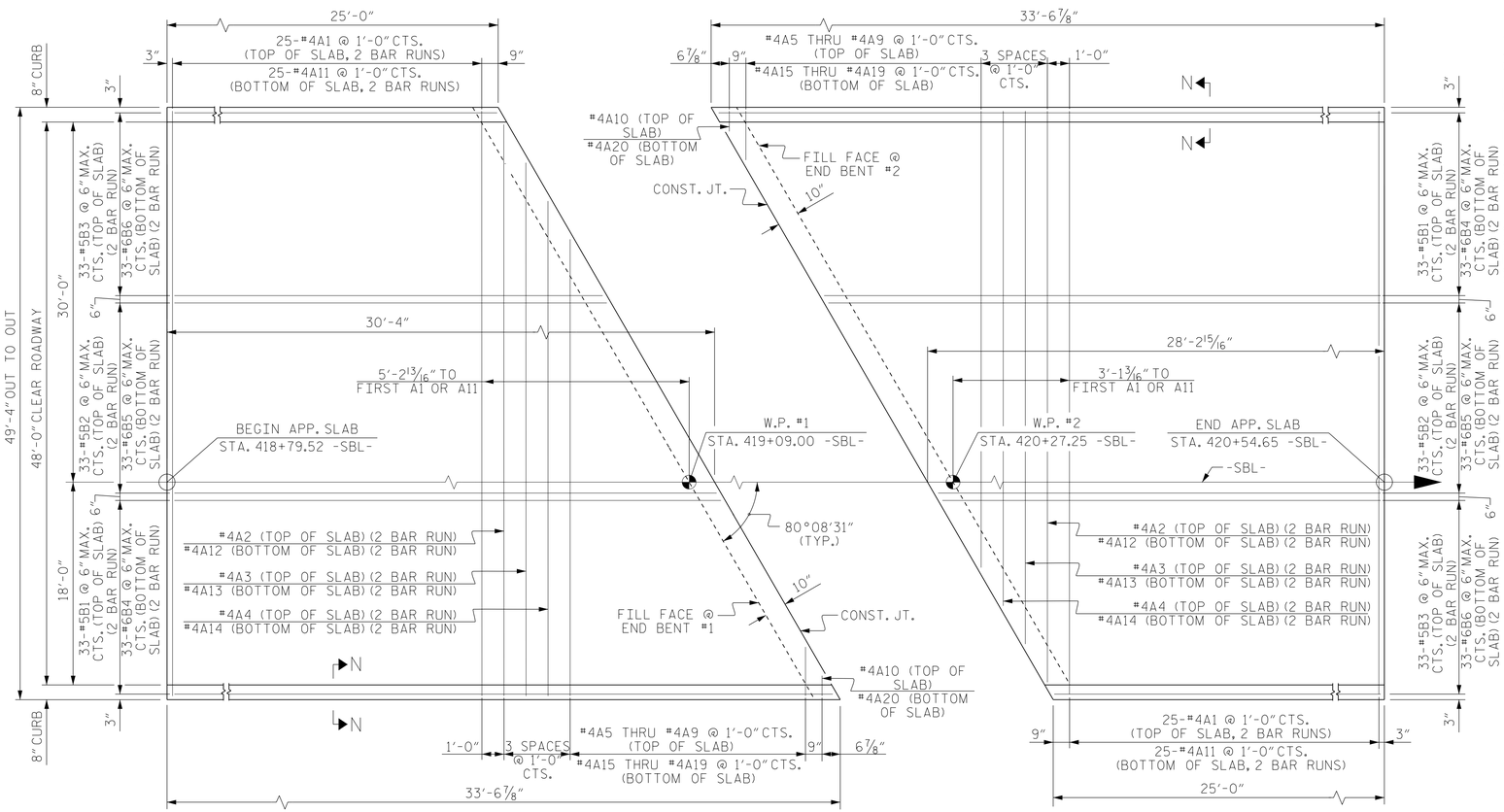


PLAN @ END BENT #1

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.

SPLICE LENGTHS

BAR SIZE	EPOXY COATED	UNCOATED
#4	2'-0"	1'-9"
#5	2'-6"	2'-2"
#6	3'-10"	2'-7"

BILL OF MATERIAL

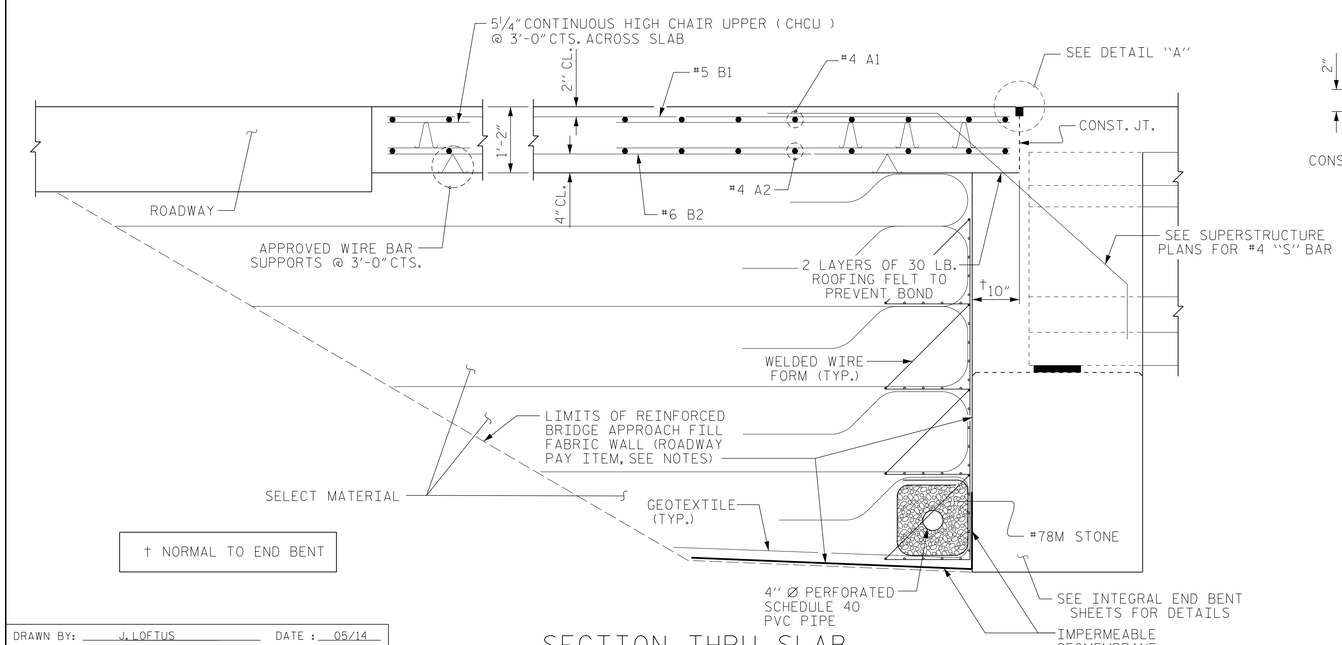
FOR ONE APPROACH SLAB (2 REQ'D)

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	50	#4	STR	25'-6"	852
* A2	2	#4	STR	24'-3"	32
* A3	2	#4	STR	21'-4"	29
* A4	2	#4	STR	18'-6"	25
* A5	1	#4	STR	29'-2"	19
* A6	1	#4	STR	23'-5"	16
* A7	1	#4	STR	17'-8"	12
* A8	1	#4	STR	11'-11"	8
* A9	1	#4	STR	6'-2"	4
* A10	1	#4	STR	1'-10"	1
A11	50	#4	STR	25'-4"	846
A12	2	#4	STR	24'-1"	32
A13	2	#4	STR	21'-3"	28
A14	2	#4	STR	18'-4"	24
A15	1	#4	STR	29'-2"	19
A16	1	#4	STR	23'-5"	16
A17	1	#4	STR	17'-8"	12
A18	1	#4	STR	11'-11"	8
A19	1	#4	STR	6'-2"	4
A20	1	#4	STR	1'-10"	1
* B1	66	#5	STR	17'-10"	1228
* B2	66	#5	STR	16'-5"	1130
* B3	66	#5	STR	15'-0"	1033
B4	66	#6	STR	17'-10"	1768
B5	66	#6	STR	16'-5"	1627
B6	66	#6	STR	15'-0"	1487

REINFORCING STEEL 5872 LBS.

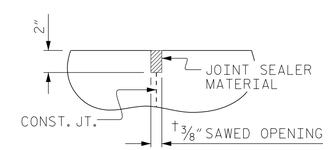
* EPOXY COATED REINFORCING STEEL 4389 LBS.

CLASS AA CONCRETE 62.7 C. Y.

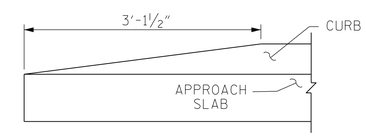


† NORMAL TO END BENT

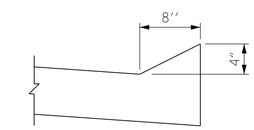
SECTION THRU SLAB



DETAIL "A"



END OF CURB WITHOUT SHOULDER BERM GUTTER



SECTION N-N

PROJECT NO. I-0914BA

VANCE COUNTY

STATION: 419+67.07 -SBL- POT
13+96.65 -Y7- POT

SHEET 1 OF 2

NORTH CAROLINA PROFESSIONAL SEAL 11725 ENGINEER DAVID R. RUGGLES

DocuSigned by: David Ruggles C4627680DF412422... 11/14/2014

DWG. 25 OF 26

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

BRIDGE APPROACH SLAB FOR INTEGRAL ABUTMENT

STEWART

Firm License No. C-1051
421 Fayetteville St, Suite 400
Raleigh, NC 27601
T 919.380.8750
www.stewartinc.com

REVISIONS								SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:			S-150
1			3					TOTAL SHEETS
2			4					177

DRAWN BY:	J. LOFTUS	DATE :	05/14
CHECKED BY:	D. RUGGLES	DATE :	05/14
DESIGN ENGINEER OF RECORD:	D. RUGGLES	DATE :	04/14

SITE IV (-SBL-)