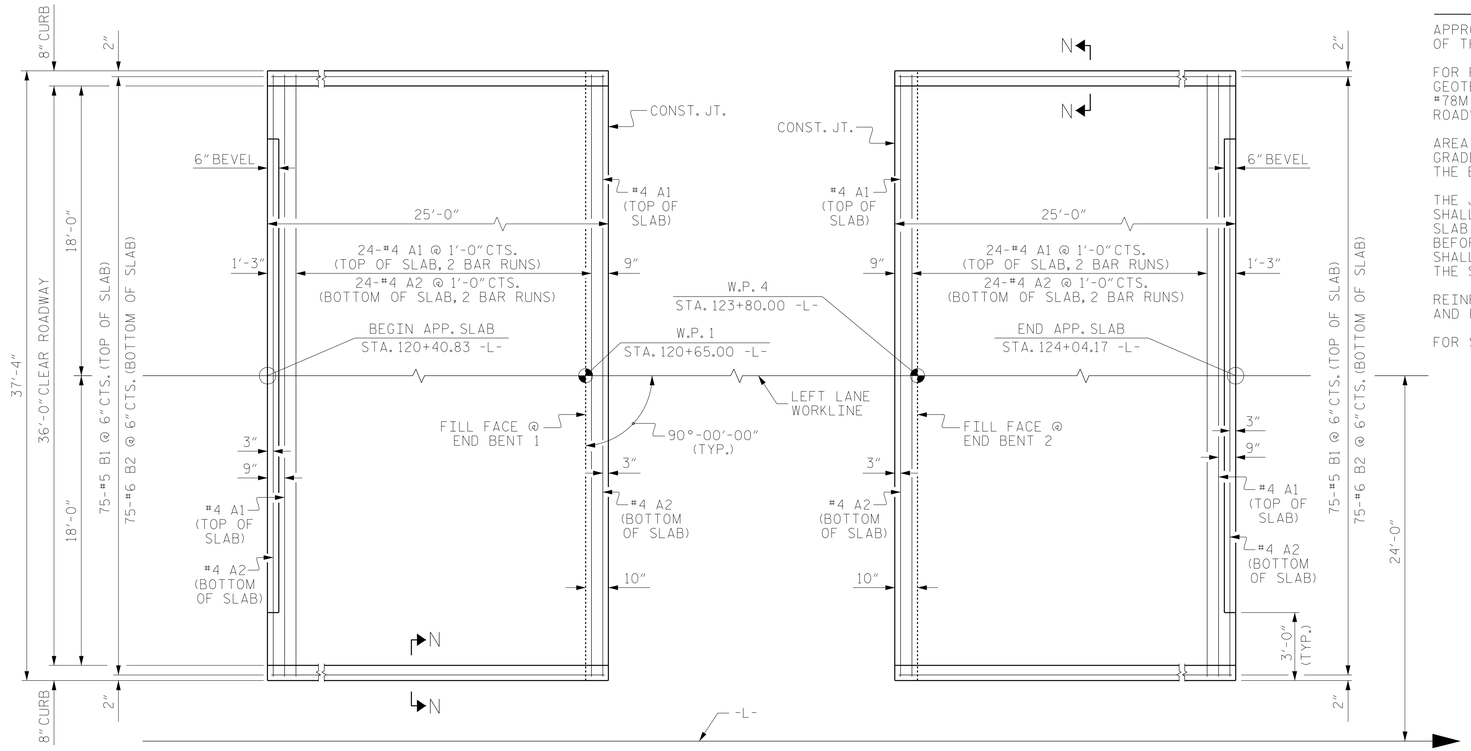


PLAN @ END BENT 1

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.

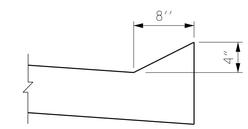
REINFORCED APPROACH FILL SHALL BE CONTINOUS BETWEEN LEFT LANE AND RIGHT LANE BRIDGES.

FOR SPLICE LENGTHS, SEE "SUPERSTRUCTURE BILL OF MATERIALS" SHEET

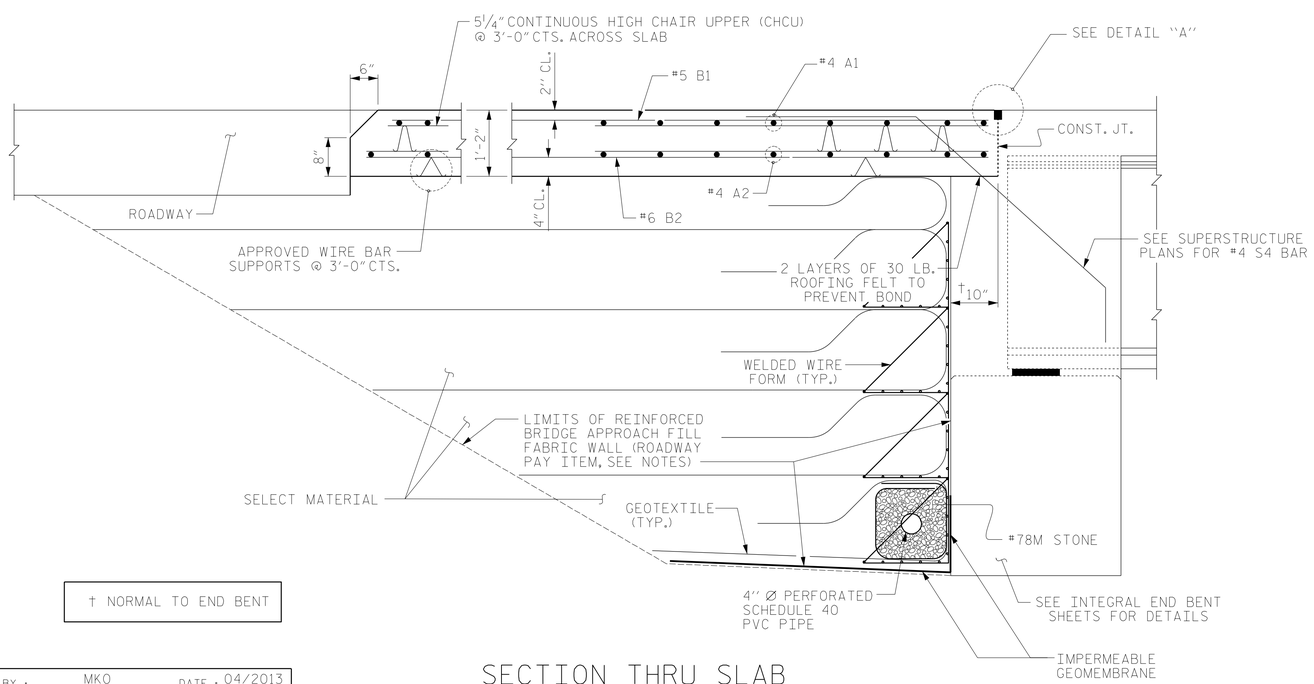
BILL OF MATERIAL

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'-5"	674
* B1	75	#5	STR	24'-2"	1890
B2	75	#6	STR	24'-8"	2779
REINFORCING STEEL				LBS.	3453
* EPOXY COATED REINFORCING STEEL				LBS.	2567
CLASS AA CONCRETE				C. Y.	40.2

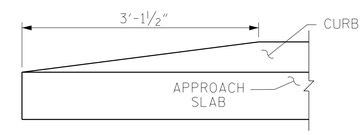


SECTION N-N

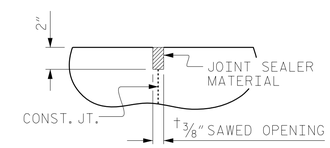


† NORMAL TO END BENT

SECTION THRU SLAB



END OF CURB WITHOUT SHOULDER BERM GUTTER



DETAIL "A"

PROJECT NO. R-2519B

YANCEY/MITCHELL COUNTY

STATION: 122+22.50 -L-

SHEET 1 OF 2

DRAWN BY : MKO	DATE : 04/2013		
CHECKED BY : JMR	DATE : 04/2013		
DESIGN ENGINEER OF RECORD : JMR	DATE : 04/2013		

DWG. No. 037

NORTH CAROLINA PROFESSIONAL SEAL 18442 ENGINEER RICHARD LEON BOLLINGER, JR.

Digitally signed by Richard L Bollinger
Date: 2014.08.26 15:51:41 -04'00'

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STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

BRIDGE APPROACH SLAB FOR INTEGRAL ABUTMENT

LEFT LANE

REVISIONS							SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:		S-91
1			3				TOTAL SHEETS
2			4				194