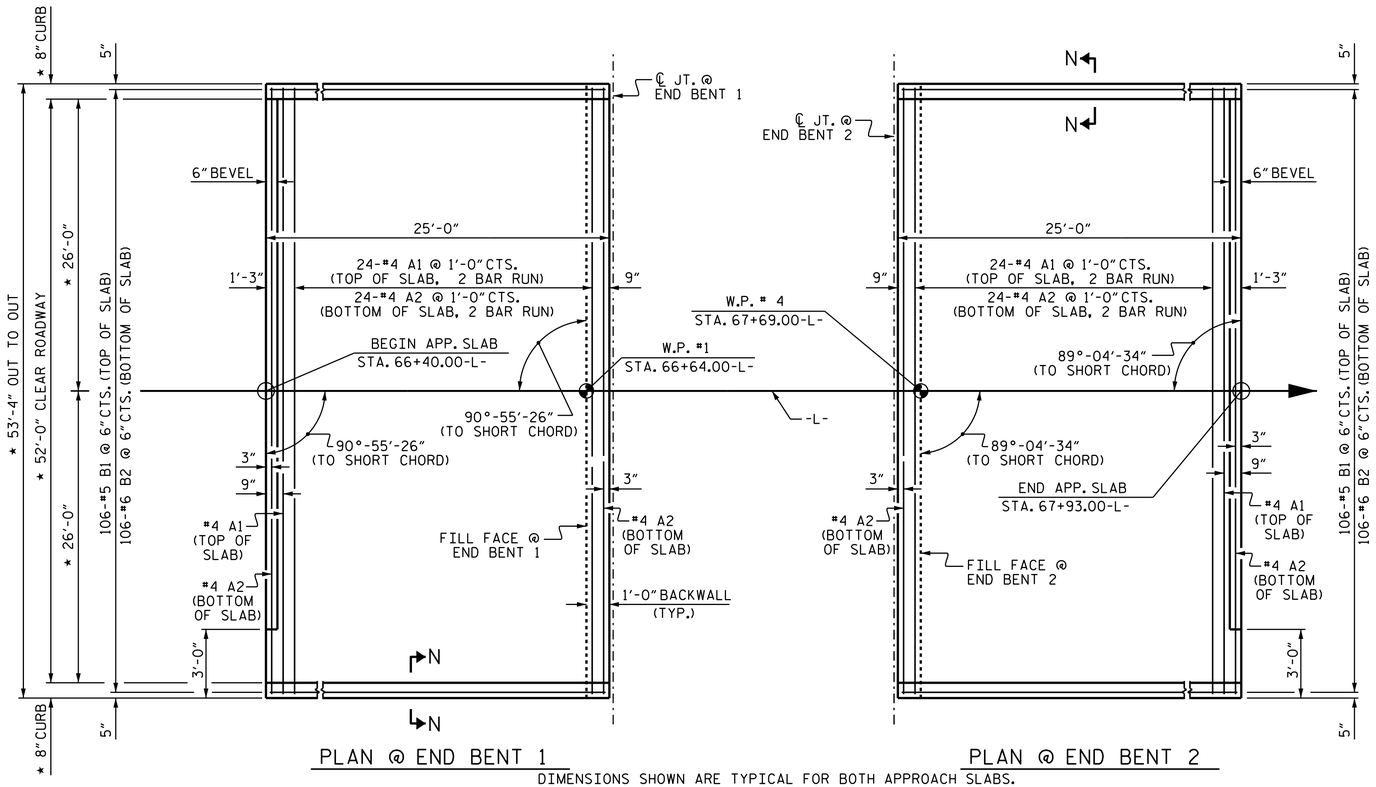


PLAN @ END BENT 1

PLAN @ END BENT 2

DIMENSIONS SHOWN ARE TYPICAL FOR BOTH APPROACH SLABS.
★ RADIAL DIMENSIONS

ARC OFFSETS ARE NEGLIGIBLE.

NOTES

APPROACH SLAB SHALL NOT BE CONSTRUCTED PRIOR TO COMPLETION OF THE BRIDGE DECK.

FOR REINFORCED BRIDGE APPROACH FILL INCLUDING GEOTEXTILE, IMPERMEABLE GEOMEMBRANE, 4" Ø DRAINAGE PIPE, #78M STONE, 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 SHALL BE SAWED PRIOR TO THE CASTING OF THE BARRIER RAIL OR PARAPET AND END POST.

WITH FOAM JOINT SEAL

FOR FOAM JOINT SEALS, SEE SPECIAL PROVISIONS.

THE NOMINAL UNCOMPRESSED SEAL WIDTH OF THE FOAM JOINT SEAL SHALL BE 2".

FOR ELASTOMERIC CONCRETE, SEE SPECIAL PROVISIONS.

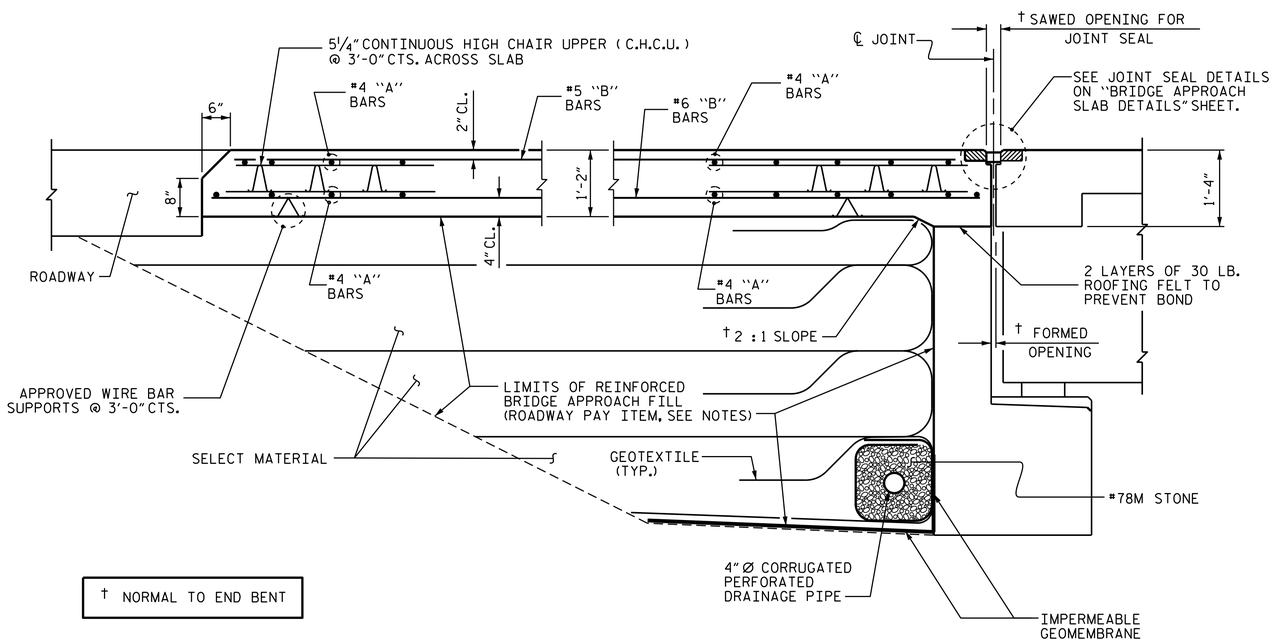
BILL OF MATERIAL

APPROACH SLAB AT EB 1

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✱ A1	50	#4	STR	27'-6"	919
A2	52	#4	STR	27'-5"	952
✱ B1	106	#5	STR	24'-1"	2663
B2	106	#6	STR	24'-8"	3927
REINFORCING STEEL				LBS.	4,879
✱ EPOXY COATED REINFORCING STEEL				LBS.	3,582
CLASS AA CONCRETE				C. Y.	58.2

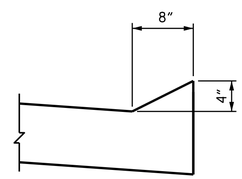
APPROACH SLAB AT EB 2

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✱ A1	50	#4	STR	27'-6"	919
A2	52	#4	STR	27'-5"	952
✱ B1	106	#5	STR	24'-1"	2663
B2	106	#6	STR	24'-8"	3927
REINFORCING STEEL				LBS.	4,879
✱ EPOXY COATED REINFORCING STEEL				LBS.	3,582
CLASS AA CONCRETE				C. Y.	58.2

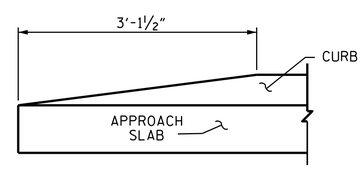


† NORMAL TO END BENT

SECTION THRU SLAB



SECTION N-N



END OF CURB WITHOUT SHOULDER BERM GUTTER

CURB DETAILS

PROJECT NO. R-4903

BLADEN COUNTY

STATION: 67+16.50 -L-

SHEET 1 OF 2

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

STANDARD

BRIDGE APPROACH SLAB FOR FLEXIBLE PAVEMENT

NORTH CAROLINA PROFESSIONAL SEAL 10730 ENGINEER D. ANDREW DAVENPORT, JR.

D. Andrew Davenport, Jr.
895DC284F664495...
10/28/2014

REVISIONS							SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:		S-31
1			3				TOTAL SHEETS
2			4				92

ASSEMBLED BY : D.A. DAVENPORT DATE : 03/01/12
CHECKED BY : K.D. LAYNE DATE : 01/02/13

DRAWN BY : EEM 3/95
CHECKED BY : VAP 3/95

REV. 5/1/06RR KMM/GM
REV. 10/1/11 MAA/GM
REV. 12/21/11 MAA/GM

28-OCT-2014 13:01
R:\Structures\Plans\Str#1\R4903_SD_AS_01.dgn
lsutton

STR.#1

STD. NO. BAS2