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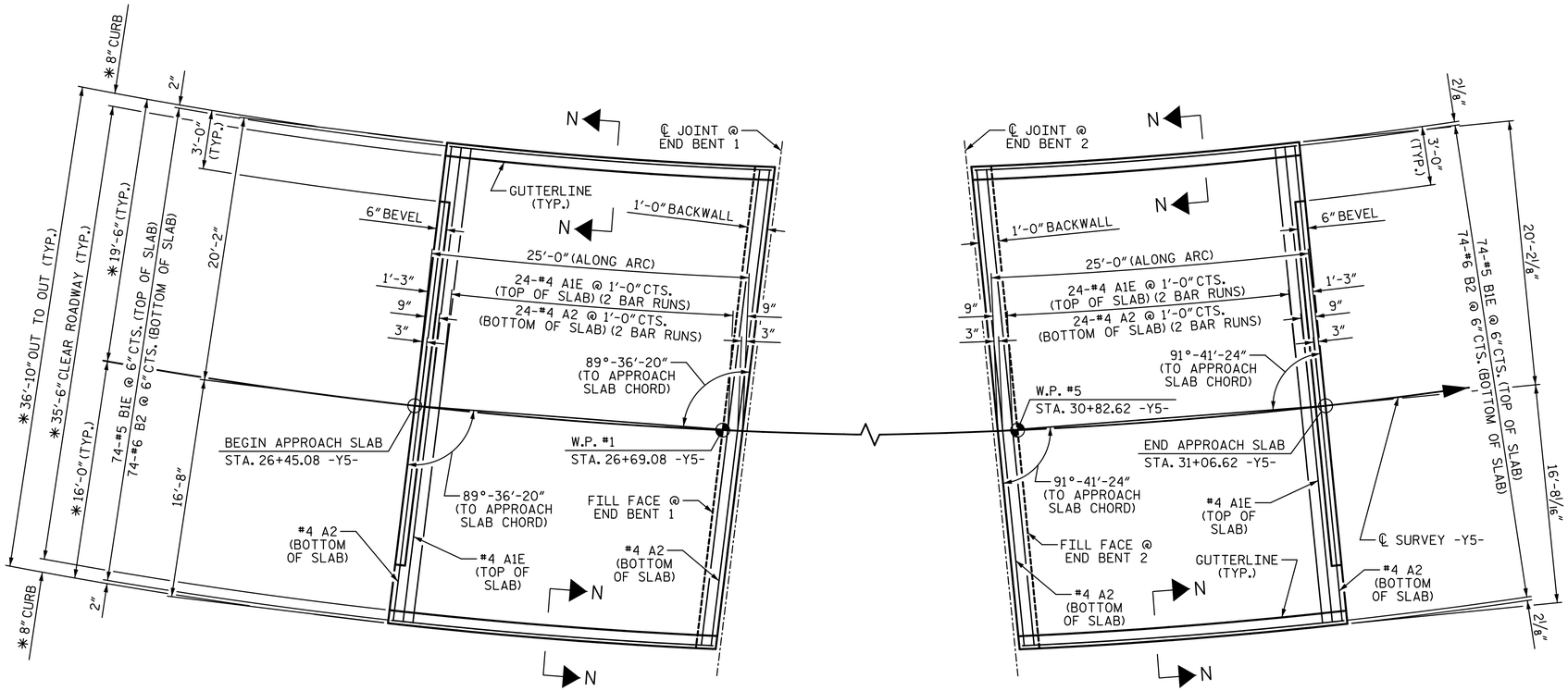


PLAN @ END BENT 1

PLAN @ END BENT 2

NOTES:

✱ RADIAL DIMENSION

THE EFFECTS OF THE HORIZONTAL CURVE ARE NEGLIGIBLE AND SHALL BE IGNORED IN THE CONSTRUCTION OF THE APPROACH SLAB.

"A" BARS ARE TO BE PLACED PERPENDICULAR TO THE APPROACH SLAB CHORD AND SPACED ALONG THE APPROACH SLAB CHORD.

"B" BARS ARE TO BE PLACED PARALLEL TO THE APPROACH SLAB CHORD.

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 PARAPET AND END POST.

FOR FOAM JOINT SEALS, SEE SPECIAL PROVISIONS.

THE NOMINAL UNCOMPRESSED SEAL WIDTH OF THE FOAM JOINT SEAL SHALL BE 3".

FOR ELASTOMERIC CONCRETE, SEE SPECIAL PROVISIONS.

BILL OF MATERIAL

APPROACH SLAB @ EB 1

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1E	50	4	STR	19'-3"	643
A2	52	4	STR	19'-2"	666
B1E	74	5	STR	23'-8"	1827
B2	74	6	STR	24'-8"	2742
REINFORCING STEEL					3408 LB
EPOXY COATED REINFORCING STEEL					2470 LB
CLASS "AA" CONCRETE SLAB & CURB					40.3 CY

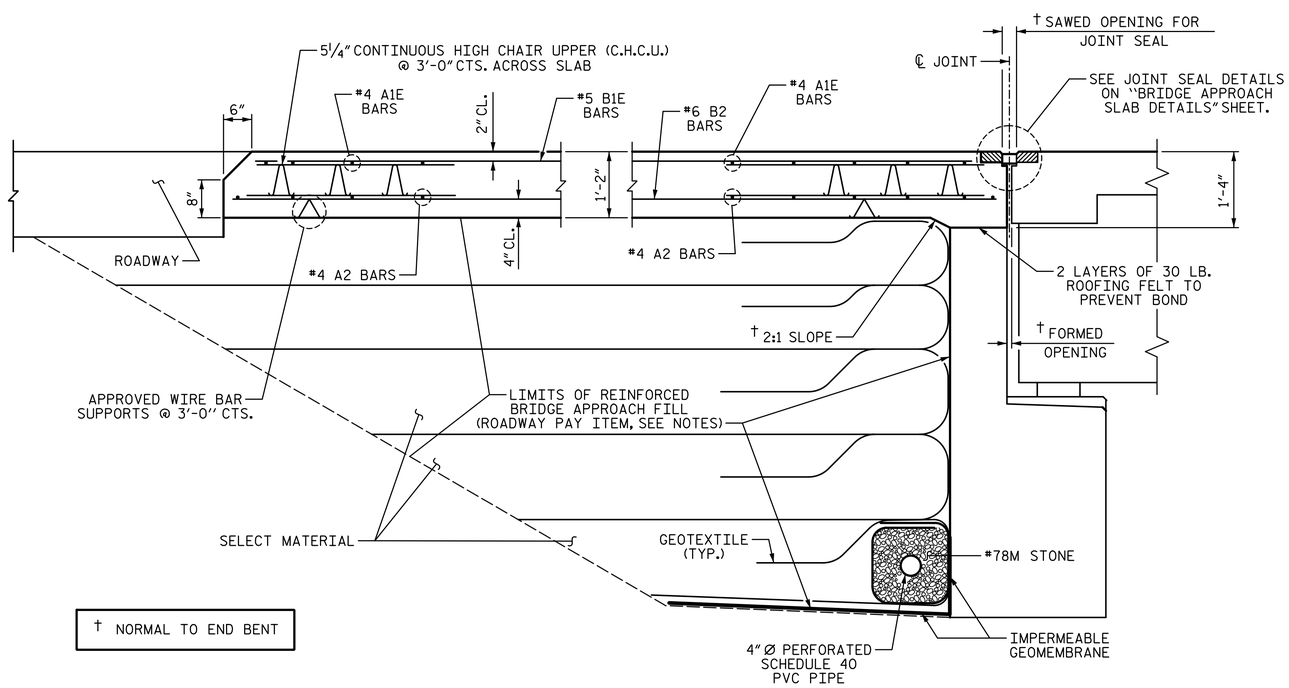
APPROACH SLAB @ EB 2

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1E	50	4	STR	19'-3"	643
A2	52	4	STR	19'-2"	666
B1E	74	5	STR	23'-8"	1827
B2	74	6	STR	24'-8"	2742
REINFORCING STEEL					3408 LB
EPOXY COATED REINFORCING STEEL					2470 LB
CLASS "AA" CONCRETE SLAB & CURB					40.3 CY

"E" INDICATES EPOXY COATED REINFORCING STEEL

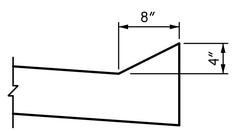
SPLICE LENGTHS

BAR SIZE	EPOXY COATED	UNCOATED
#4	2'-0"	1'-9"

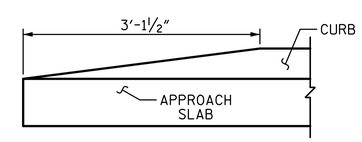


† NORMAL TO END BENT

SECTION THRU SLAB



SECTION N-N



END OF CURB WITHOUT SHOULDER BERM GUTTER

CURB DETAILS

PROJECT NO. U-2579B
FORSYTH COUNTY
STATION: 28+50.16 -Y5-

SHEET 1 OF 2

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

BRIDGE APPROACH SLAB

PLANS PREPARED BY:
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LICENSURE NO. C-2521

NORTH CAROLINA PROFESSIONAL SEAL 023908 ENGINEER MARK A. AVERETTE
DocuSigned by: Mark Averette
8/15/2014

REVISIONS								SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:			S-706
1			3					TOTAL SHEETS
2			4					S-707

DRAWN BY: T. BANKOVICH DATE: 3-14
CHECKED BY: M. AVERETTE DATE: 3-14
DESIGN ENGINEER OF RECORD: M. AVERETTE DATE: 3-14

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