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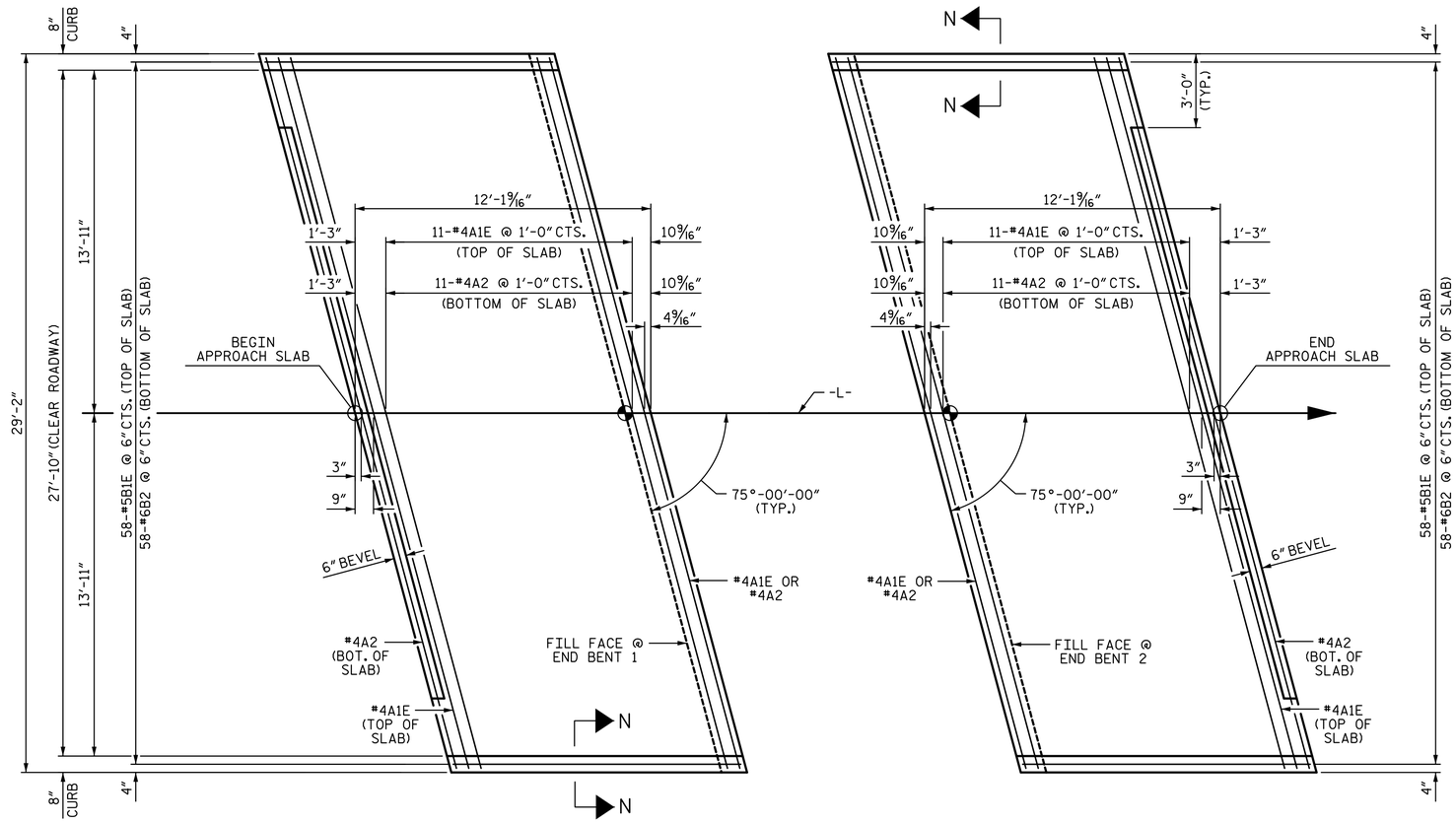


PLAN @ END BENT 1

PLAN @ END BENT 2

DIMENSIONS SHOWN ARE TYPICAL FOR BOTH APPROACH SLABS

NOTES:

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.

APPROACH SLAB GROOVING IS NOT REQUIRED.

BILL OF MATERIAL

APPROACH SLAB AT EB 1

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1E	13	#4	STR	29'-10"	259
A2	13	#4	STR	29'-10"	259
B1E	58	#5	STR	11'-1"	670
B2	58	#6	STR	11'-7"	1009
REINFORCING STEEL				LB	1268
"E" EPOXY COATED REINFORCING STEEL				LB	929
CLASS "AA" CONCRETE				CY	15.6

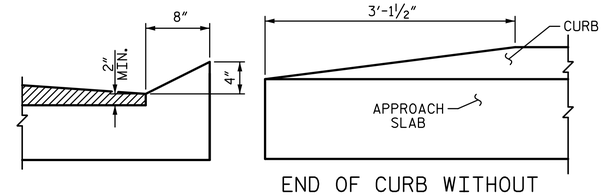
APPROACH SLAB AT EB 2

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1E	13	#4	STR	29'-10"	259
A2	13	#4	STR	29'-10"	259
B1E	58	#5	STR	11'-1"	670
B2	58	#6	STR	11'-7"	1009
REINFORCING STEEL				LB	1268
"E" EPOXY COATED REINFORCING STEEL				LB	929
CLASS "AA" CONCRETE				CY	15.6

"E" INDICATES EPOXY COATED REINFORCING STEEL

SPLICE CHART

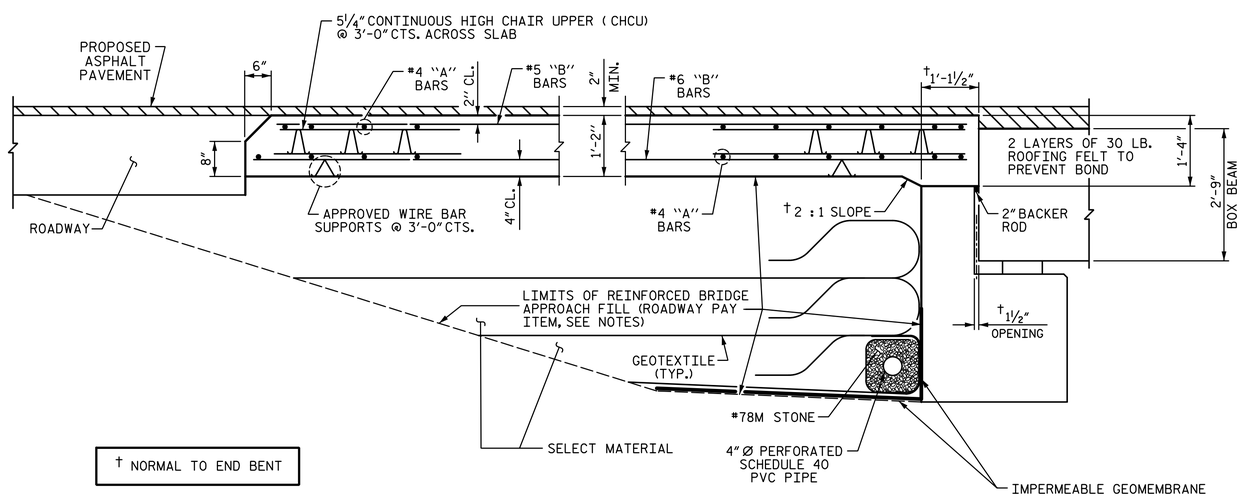
BAR SIZE	EPOXY COATED	UNCOATED
#4	2'-0"	1'-9"
#5	2'-6"	2'-2"
#6	3'-10"	2'-7"



SECTION N-N

END OF CURB WITHOUT SHOULDER BERM GUTTER

CURB DETAILS



† NORMAL TO END BENT

SECTION THRU SLAB

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

PROJECT NO. 17BP.5.R.52

GRANVILLE COUNTY

STATION: 16+00.00 -L-

SHEET 1 OF 2

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PLANS PREPARED BY:

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LICENSURE NO. C-2521

NORTH CAROLINA PROFESSIONAL SEAL 11268 ENGINEER BETSY S. COX

12/18/2015

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

BRIDGE APPROACH SLAB FOR PRESTRESSED CONCRETE BOX BEAM UNIT

(SUB-REGIONAL TIER) - 75° SKEW

REVISIONS							
NO.	BY:	DATE:	NO.	BY:	DATE:		
1			3				
2			4				

SHEET NO. S-15

TOTAL SHEETS 16

DRAWN BY:	S.D. COOPER	DATE:	4-15
CHECKED BY:	B.S. COX	DATE:	4-15
DESIGN ENGINEER OF RECORD:	B.S. COX	DATE:	4-15

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