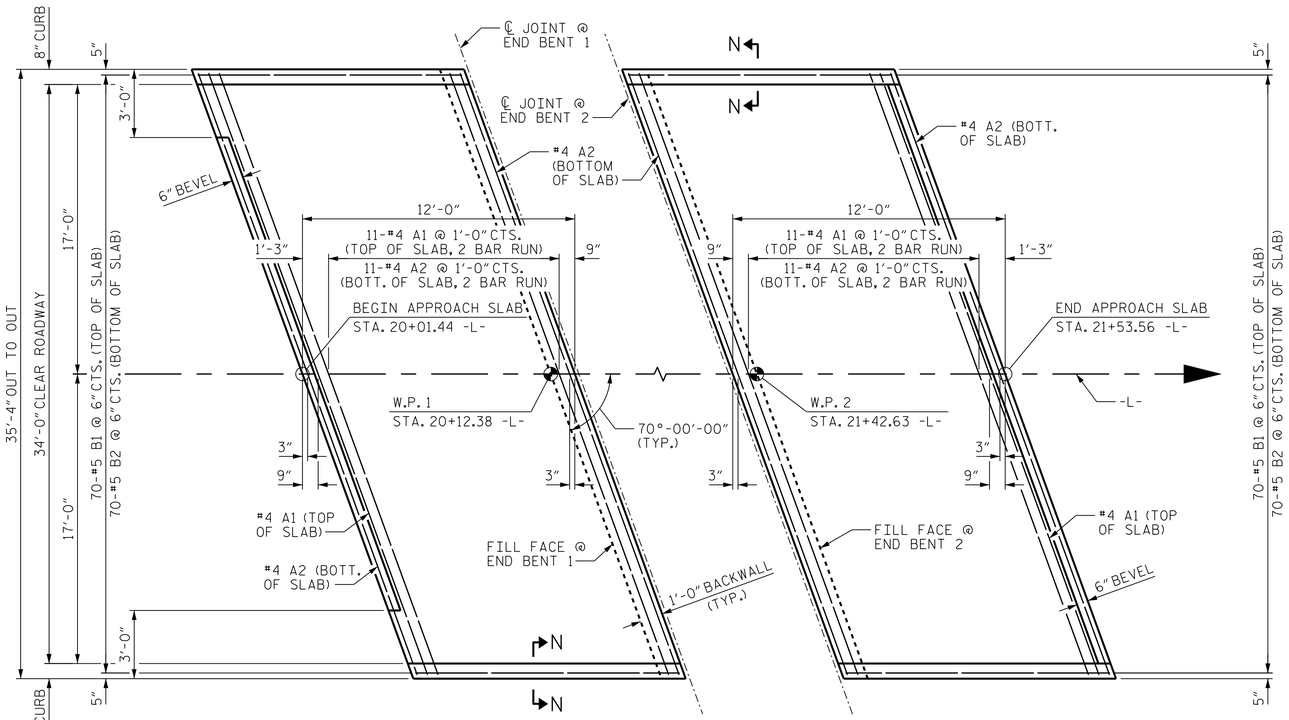
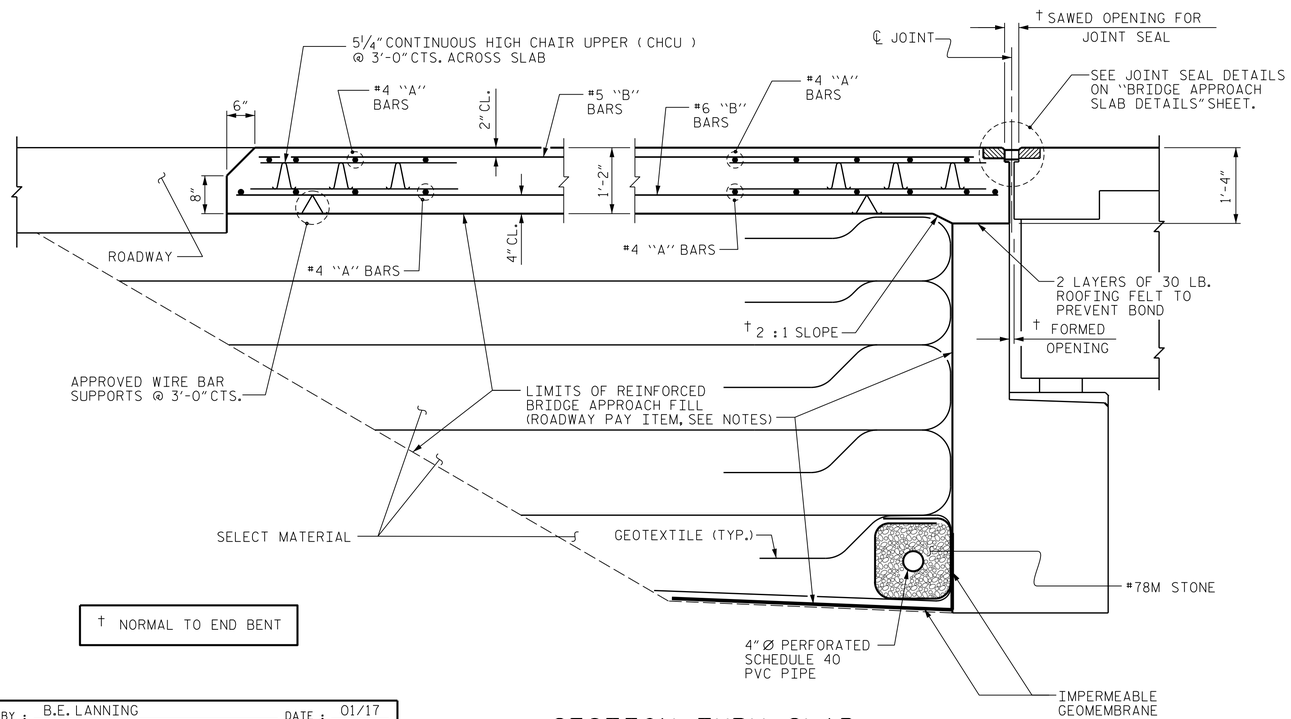


PLAN AT END BENT 1 PLAN AT END BENT 2

DIMENSIONS SHOWN ARE TYPICAL FOR BOTH APPROACH SLABS



† NORMAL TO END BENT

SECTION THRU SLAB

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.

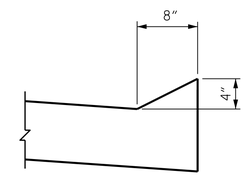
BILL OF MATERIAL

APPROACH SLAB AT EB #1

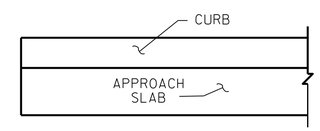
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	24	#4	STR	19'-8"	315
A2	26	#4	STR	19'-6"	339
* B1	70	#5	STR	10'-6"	767
B2	70	#6	STR	11'-7"	1218
REINFORCING STEEL				LBS.	1557
* EPOXY COATED REINFORCING STEEL				LBS.	1082
CLASS AA CONCRETE				C. Y.	18.5

APPROACH SLAB AT EB #2

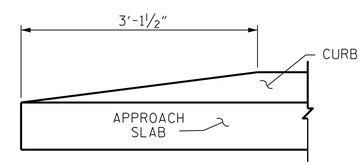
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	24	#4	STR	19'-8"	315
A2	26	#4	STR	19'-6"	339
* B1	70	#5	STR	10'-6"	767
B2	70	#6	STR	11'-7"	1218
REINFORCING STEEL				LBS.	1557
* EPOXY COATED REINFORCING STEEL				LBS.	1082
CLASS AA CONCRETE				C. Y.	18.4



SECTION N-N



END OF CURB WITH SHOULDER BERM GUTTER



END OF CURB WITHOUT SHOULDER BERM GUTTER

CURB DETAILS

SPLICE LENGTHS

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

PROJECT NO. R-5771

HENDERSON COUNTY

STATION: 20+77.50 -L-

SHEET 1 OF 2

NORTH CAROLINA PROFESSIONAL SEAL 027799 ENGINEER ALLYSON K. ORR

3/27/2017

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

BRIDGE APPROACH SLAB DETAILS

MI ENGINEERING
1011 SCHAUB DRIVE, SUITE 100
RALEIGH, NC 27606
(919) 851-6606
FIRM PE NUMBER : P-0671

REVISIONS							SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:		S-28
1			3				TOTAL SHEETS
2			4				29

DRAWN BY :	B.E. LANNING	DATE :	01/17
CHECKED BY :	A.K. ORR	DATE :	01/17
DESIGN ENGINEER OF RECORD :	A.K. ORR	DATE :	03/17

3/27/2017
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