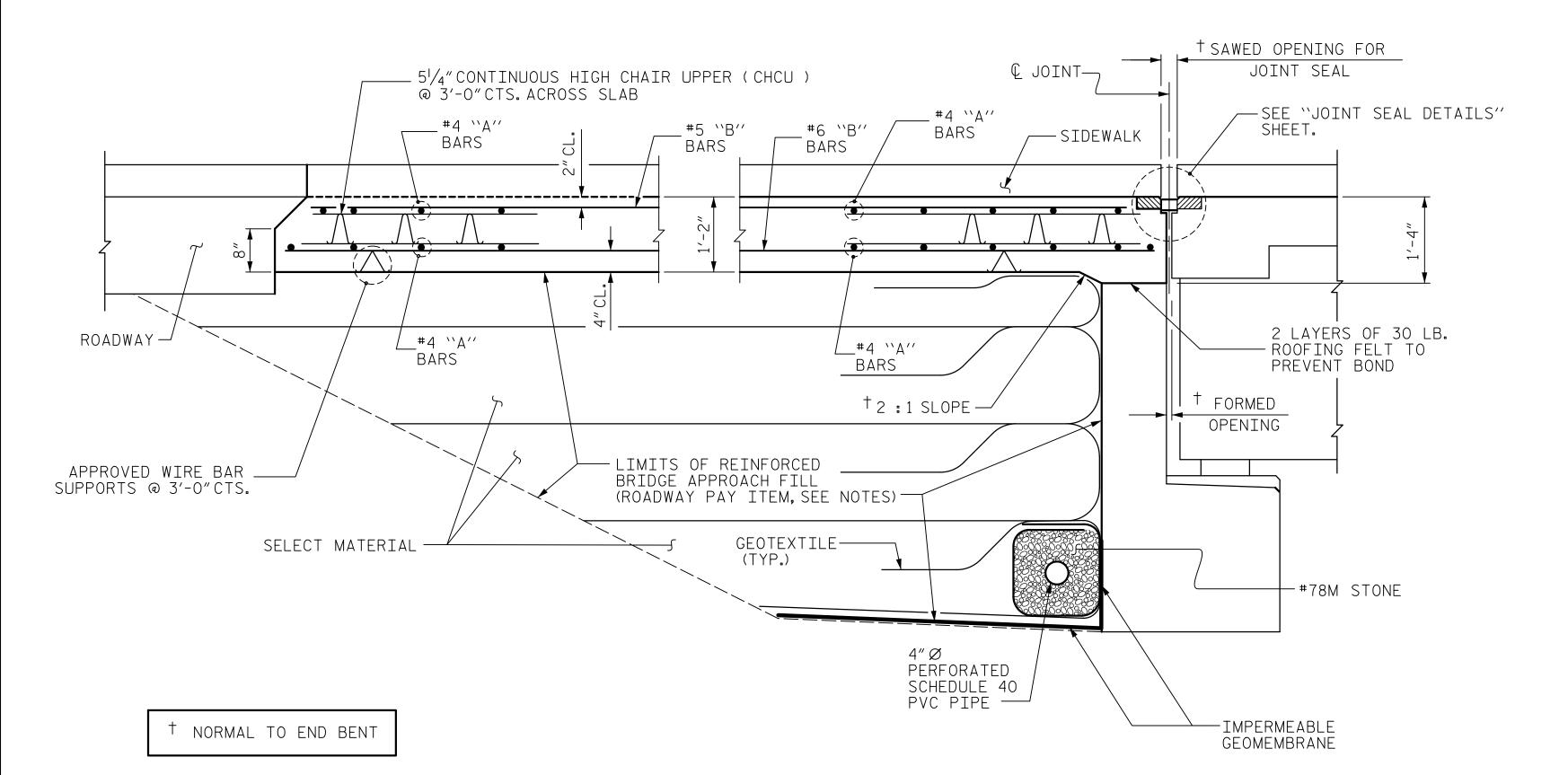
TEMPORARY DRAINAGE PIPE. 12 INCHES IN DIAMETER.

PLAN VIEW

SECTION S-S

TEMPORARY BERM AND SLOPE DRAIN DETAILS

(TO BE USED WHEN SHOULDER BERM GUTTER IS REQUIRED)



SECTION THRU SLAB

2'-0" ALL BAR DIMENSIONS ARE OUT TO OUT.

BAR TYPES

BRIDGE DECK I FLOW LINE CAP FLOW LINE ONLY WITH EROSION RESISTANT MATERIAL BACKFILL EXCAVATION HOLE AND GRADE TO DRAIN

NOTE: IF THE APPROACH SLAB IS NOT CONSTRUCTED IMMEDIATELY AFTER THE BACKFILLING OF THE END BENT EXCAVATION, GRADE TO DRAIN TO THE BOTTOM OF THE SLOPE AND PROVIDE EROSION RESISTANT MATERIAL, SUCH AS FIBERGLASS ROVING OR AS DIRECTED BY THE ENGINEER TO PREVENT SOIL EROSION AND TO PROTECT THE AREA ADJACENT TO THE STRUCTURE. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THESE MATERIALS PRIOR TO CONSTRUCTION OF THE APPROACH SLAB.

TEMPORARY DRAINAGE DETAIL

NOTES

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

THE COSTS OF THE SIDEWALK, TEMPORARY DRAINAGE AND TEMPORARY BERM AND SLOPE DRAINS WILL BE PAID FOR UNDER THE LUMP SUM PRICE FOR BRIDGE APPROACH SLAB.

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, AND SIDEWALK.

FOR FOAM JOINT SEALS, SEE SPECIAL PROVISIONS.

3'-10"

THE NOMINAL UNCOMPRESSED SEAL WIDTH OF THE FOAM JOINT SEAL SHALL BE $3/_{16}$ ".

FOR ELASTOMERIC CONCRETE, SEE SPECIAL PROVISIONS.

\r\ D \				1 1 0	1 10			
 ₩ B4	1	#5	STR	9′-10″	10			
 ₩ B5	1	#5	STR	6'-0"	6			
 ₩ B6	1	#5	STR	2′-8″	3			
 ₩ B7	1	#5	STR	23′-6″	25			
В8	133	#6	STR	24'-10"	4961			
В9	1	#6	STR	21'-2"	32			
B10	1	#6	STR	14'-6"	22			
B11	1	#6	STR	9′-10″	15			
B12	1	#6	STR	6′-0″	9			
B13	1	#6	STR	2'-8"	4			
B14	1	#6	STR	23′-6″	35			
∗ B15	10	#4	STR	24'-9"	165			
∗ G1	52	#4	STR	5′-1″	177			
* U1	20	#4	(1)	3'-4"	45			
	REINFORCING STEEL LBS. 6520							
* EPOXY COATED REINFORCING STEEL LBS. 5180								
		CONCRE	TE					
	POUR 1 SLAB			C. Y.	73.3			
POUR 2 SIDEWALK C.Y. 6.3								
		0011005			70.0			
CLASS	> AA (CONCRE	C. Y.	79.6				
			<u> </u>		- u o			
APPROACH SLAB AT EB #2								
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT			
* A1	75	#4	STR	25′-2″	1261			
Α2	78	#4	STR	25′-0″	1303			
* B1	134	#5	STR	23′-8″	3308			
В2	134	#6	STR	24'-7"	4948			
 ₩ B3	10	#4	STR	24'-7"	164			
₩ G1	52	#4	STR	5′-1″	177			
₩ U1	20	#4	(1)	3′-4″	45			
		NG STE	LBS.	6251				
*EPOXY COATED REINFORCING STEEL LBS. 4955								
CLASS AA CONCRETE								
	<u> </u>	CONCRE	. I <u>E</u>					
POUR	1 SLA		. I E. 	C. Y.	72.5			
	1 SLA			C. Y.	72 . 5			

BILL OF MATERIAL

APPROACH SLAB AT EB #1

BAR | NO. | SIZE | TYPE | LENGTH | WEIGHT

#5 | STR | 21'-2"

1394

1442

3318

22

15

* A1 | 75 | #4 | STR | 27'-10"

*B1 | 133 | #5 | STR | 23'-11"

*B3 | 1 | #5 | STR | 14'-6"

A2 | 78 | #4 | STR | 27'-8"

PROJECT NO. U-2707 FORSYTH

COUNTY 17+34.88 -Y-

STATION:

CLASS AA CONCRETE

SPLICE LENGTHS BAR EPOXY SIZE COATED UNCOATED 2'-0" 1'-9" 2′-6″ 2′-2″

SHEET 1 OF 3 **AECOM** 701 CORPORATE CENTER DRIVE, SUITE 475
RALEIGH, NC 27607
(919) 854-6200 www.aecom.com
AECOM License No. F-0342

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

STANDARD

BRIDGE APPROACH SLAB FOR FLEXIBLE PAVEMENT

	SHEET NO.					
BY:	DATE:	NO.	BY:	DATE:	S-84	
		3			TOTAL SHEETS	
		4			86	

DOCUMENT NOT CONSIDERE FINAL UNLESS ALL SIGNATURES COMPLETED

2′-7″

1/12/2016

STD. NO. BAS2 (SHT 2a)

C. Y. 78.9

BRIDGE NO. 109

SSEMBLED BY : MTB

CHECKED BY : JCM

DRAWN BY: EEM 3/95

CHECKED BY : VAP 3/95

DATE: 11/2015 DATE: 11/2015

REV. 5/7/03R RWW/JT

REV. 5/I/O6RR KMM/GM

REV. IO/I/II MAA/GM