

PLAN @ END BENT #1 PLAN @ END BENT #2

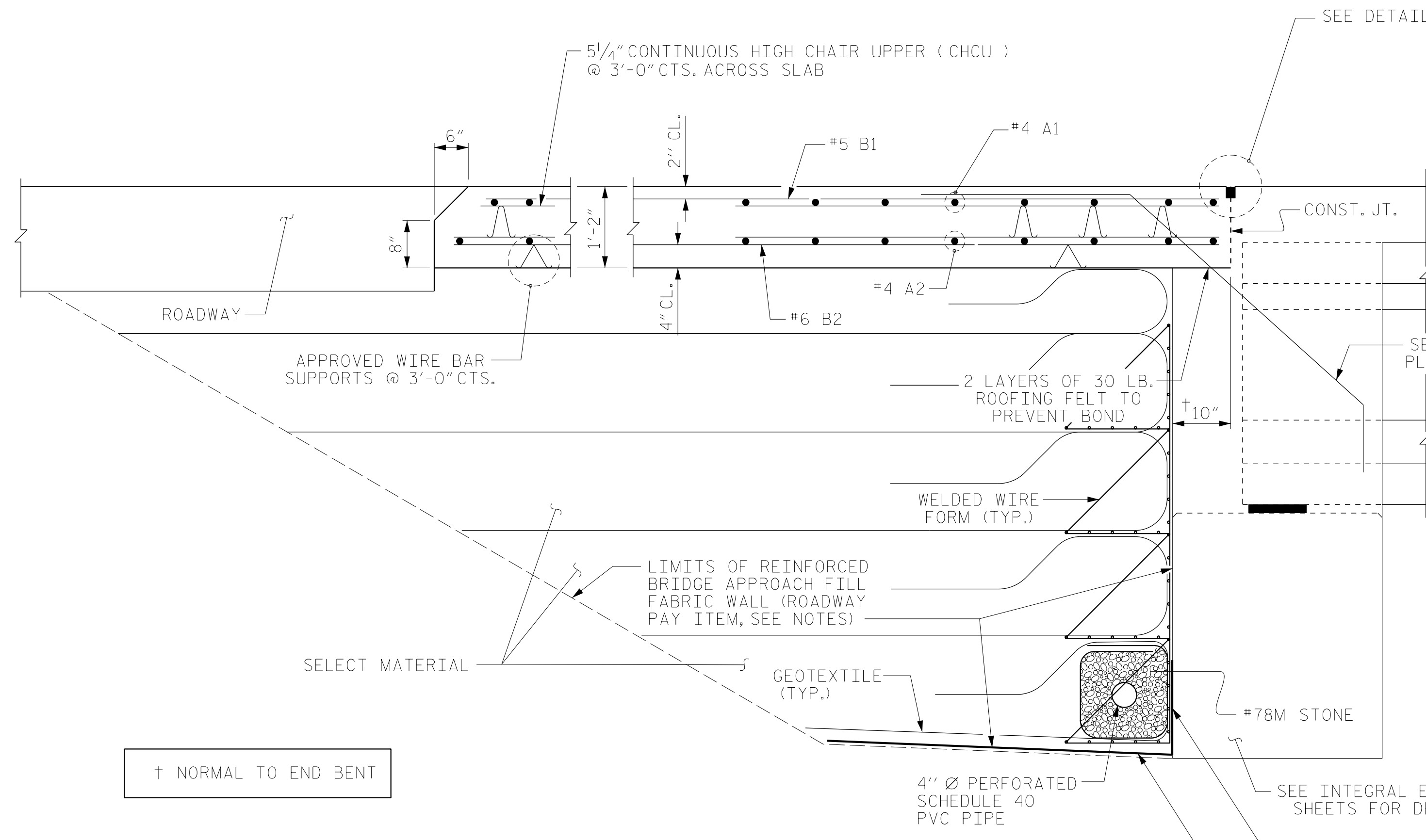
DIMENSIONS SHOWN ARE TYPICAL FOR BOTH APPROACH SLABS
 CONCRETE TO BE FILLED IN DURING CONSTRUCTION OF APPROACH SLABS

NOTES

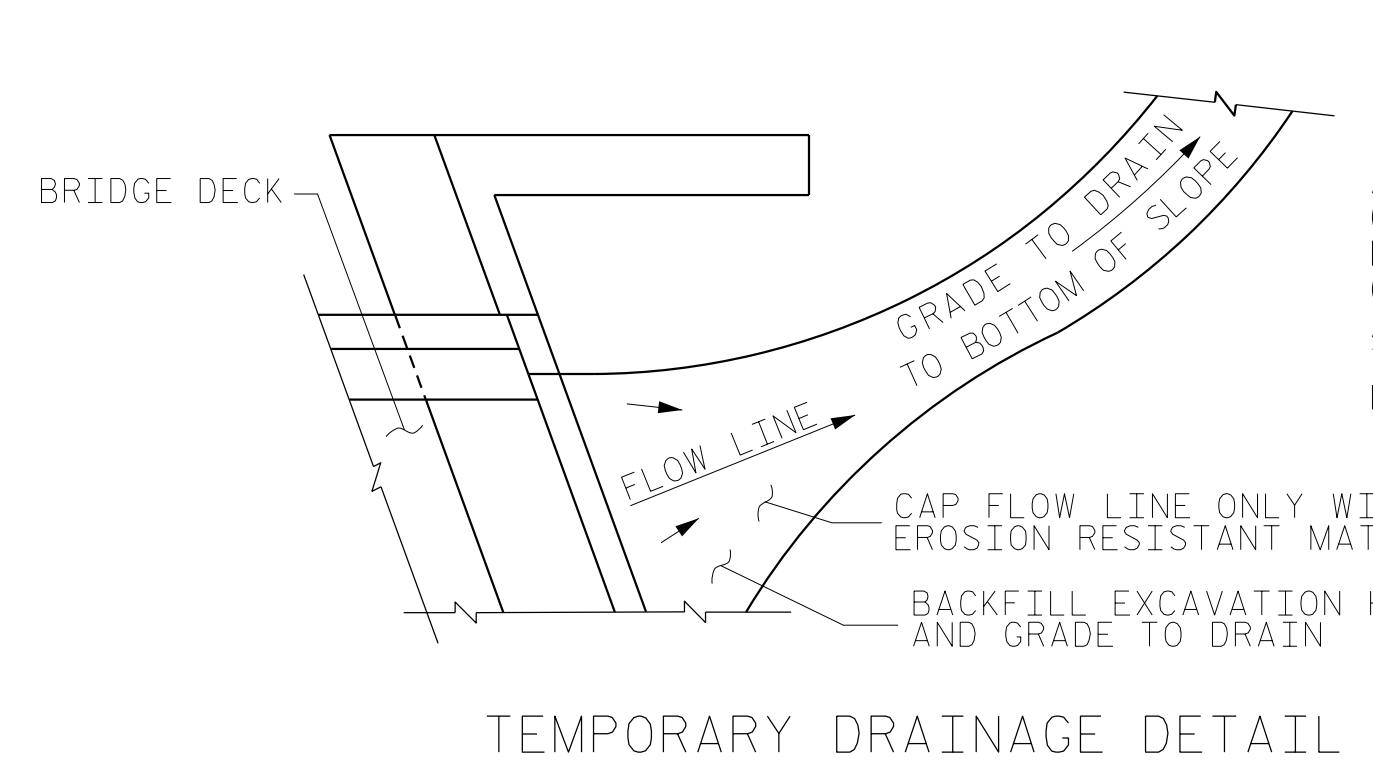
APPROACH SLAB SHALL NOT BE CONSTRUCTED PRIOR TO COMPLETION OF THE BRIDGE DECK.
 FOR REINFORCED BRIDGE APPROACH FILL FABRIC WALL INCLUDING GEOTEXTILE, IMPERMEABLE GEOMEMBRANE, 4" Ø DRAINAGE PIPE, #78M STONE, WELDED WIRE FORM, AND SELECT MATERIAL, SEE ROADWAY PLANS.
 AREA BETWEEN THE WINGWALL AND APPROACH 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 OPENING AT THE APPROACH SLAB/DECK INTERFACE SHALL BE SAWED NO MORE THAN 12 HOURS AFTER THE APPROACH SLAB IS CAST. THE JOINT SHALL BE CLEANED OF ALL DEBRIS BEFORE THE SEALANT IS APPLIED. THE JOINT SEALER MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF SECTION 1028-3 OF THE STANDARD SPECIFICATIONS.
 ARC OFFSETS ARE NEGLIGIBLE AND THEREFORE NOT SHOWN.
 T.O.S. = TOP OF SLAB
 B.O.S. = BOTTOM OF SLAB

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

BILL OF MATERIAL					
APPROACH SLAB @ E.B. #1					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	52	#4	STR	22'-9"	790
A2	52	#4	STR	22'-7"	784
* A3	8	#4	STR	3'-0"	16
* B1	83	#5	STR	24'-1"	2085
B2	83	#6	STR	24'-7"	3065
REINFORCING STEEL					3,849 LBS.
* EPOXY COATED REINFORCING STEEL					2,891 LBS.
CLASS AA CONCRETE					45.5 C.Y.
APPROACH SLAB @ E.B. #2					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	52	#4	STR	22'-9"	790
A2	52	#4	STR	22'-7"	784
* A3	8	#4	STR	3'-0"	16
* B1	83	#5	STR	24'-1"	2085
B2	83	#6	STR	24'-7"	3065
REINFORCING STEEL					3,849 LBS.
* EPOXY COATED REINFORCING STEEL					2,891 LBS.
CLASS AA CONCRETE					45.5 C.Y.

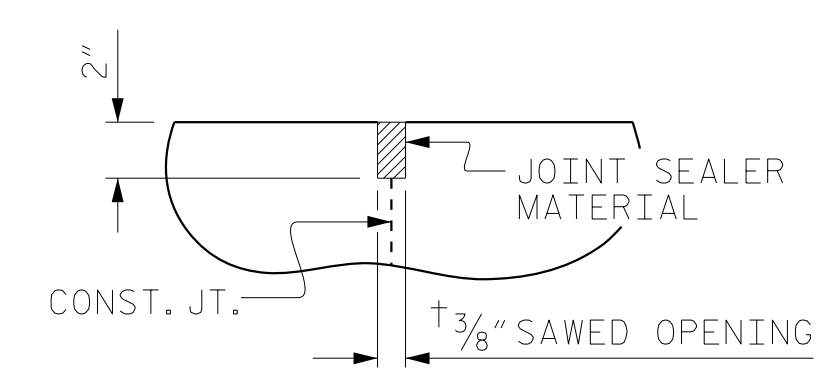


SECTION THRU SLAB

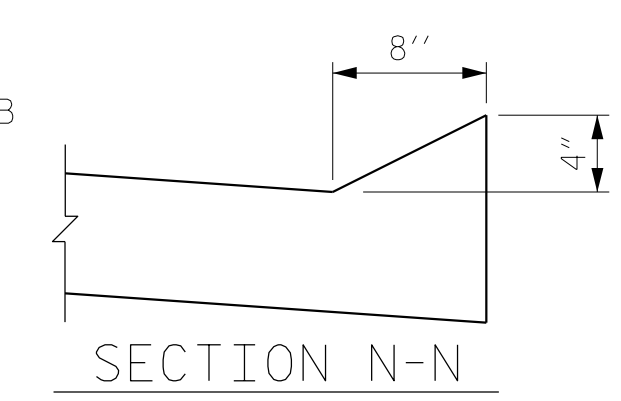


TEMPORARY DRAINAGE DETAIL

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.



DETAIL "A"



SECTION N-N

END OF CURB WITHOUT SHOULDER BERM GUTTER

PROJECT NO. R-2707C
 CLEVELAND COUNTY
 STATION: 384+50.00 -L-



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 STANDARD
 BRIDGE APPROACH SLAB
 FOR INTEGRAL ABUTMENT
 RIGHT LANE

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			S2-36
2			4			TOTAL SHEETS 36

ASSEMBLED BY : PDS	DATE : 11/2016
CHECKED BY : TLC	DATE : 01/2017
DRAWN BY : TLA 10/05	REV. 10/11/11 MAA/GM
CHECKED BY : GM 5/06	REV. 12/21/11 MAA/GM
	REV. 6/13 MAA/GM

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED