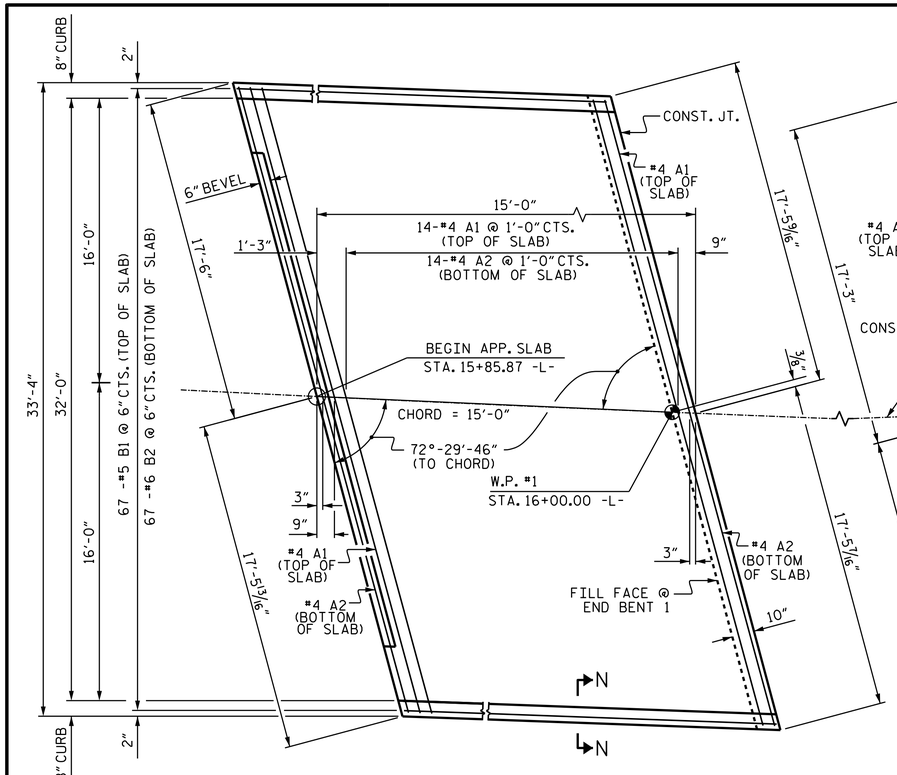
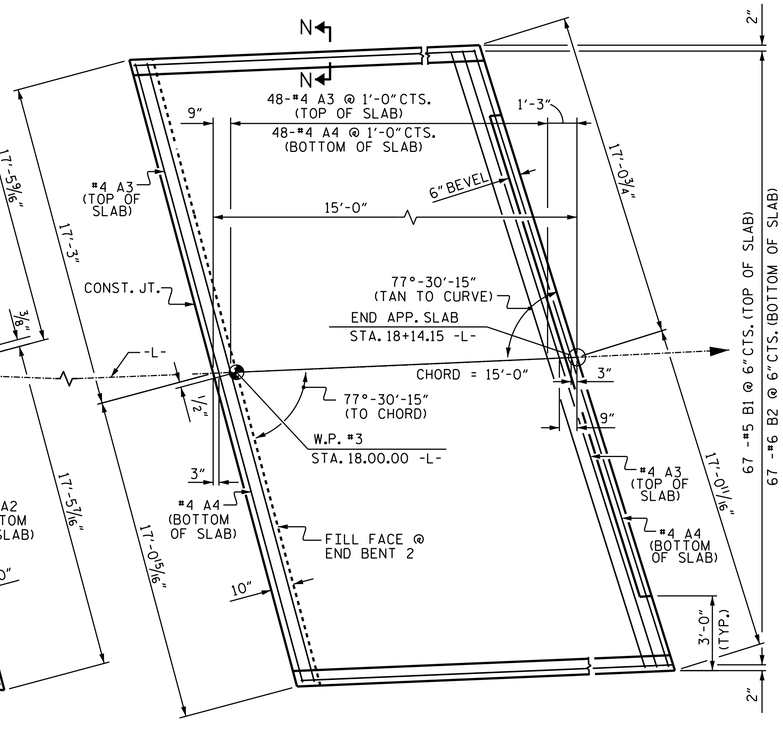
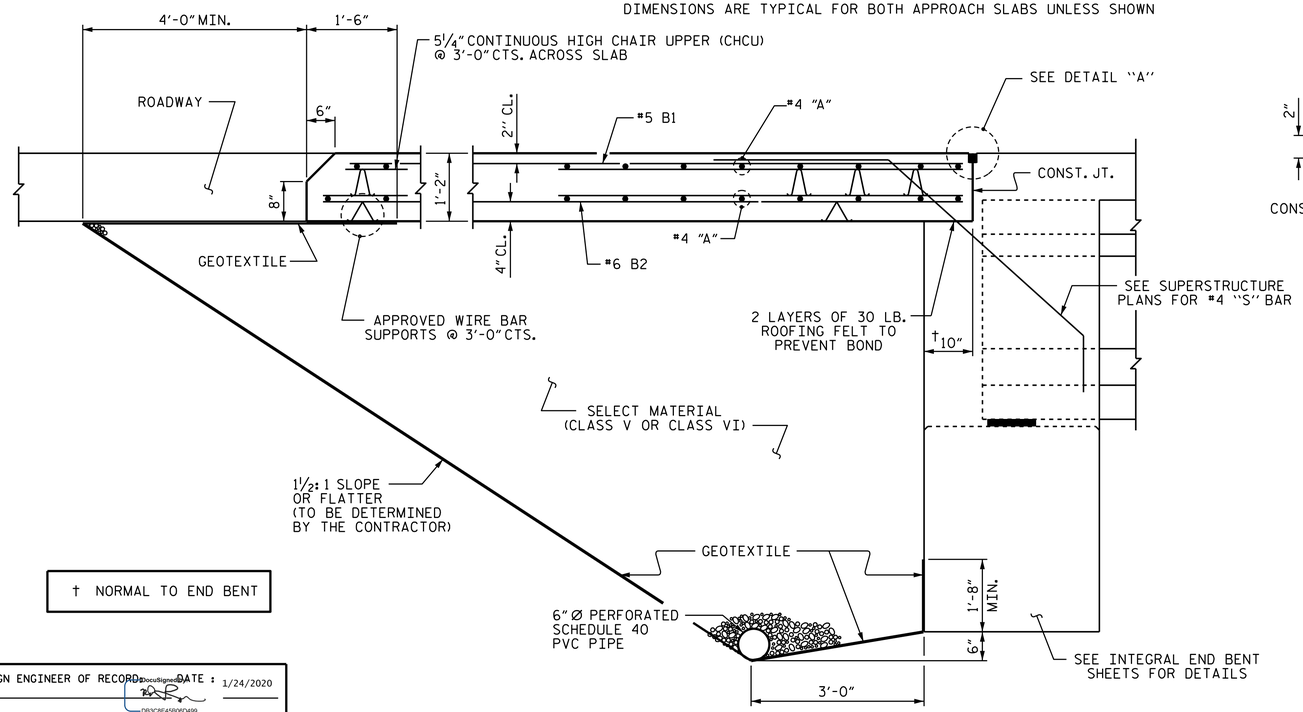


PLAN @ END BENT 1



PLAN @ END BENT 2

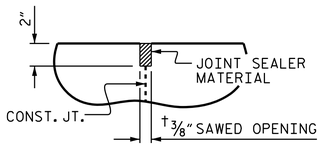
DIMENSIONS ARE TYPICAL FOR BOTH APPROACH SLABS UNLESS SHOWN



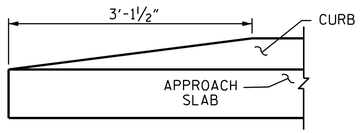
† NORMAL TO END BENT

SECTION THRU SLAB

(TYPE I - STANDARD APPROACH FILL)



DETAIL "A"



END OF CURB WITHOUT SHOULDER BERM GUTTER

NOTES

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

FOR BRIDGE APPROACH FILL INCLUDING GEOTEXTILE, 6" Ø DRAINAGE PIPE, AND SELECT MATERIAL, SEE ROADWAY PLANS.

GEOTEXTILE SHALL BE TYPE 1 IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS SECTION 1056.

SELECT MATERIAL BACKFILL (CLASS V OR CLASS VI) SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS SECTION 1016.

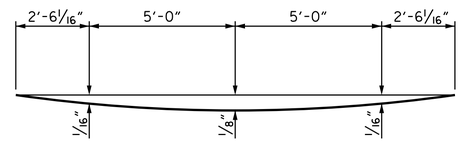
SELECT MATERIAL BACKFILL IS TO BE CONTINUOUS ALONG FILL FACE OF BACKWALL FROM OUTSIDE EDGE TO OUTSIDE EDGE OF APPROACH SLAB.

FOR THE 6" Ø DRAINAGE PIPE OUTLET(S), SEE ROADWAY STANDARD DRAWINGS.

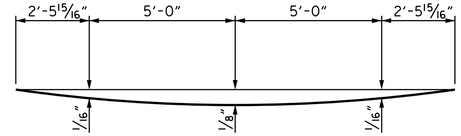
AREA BETWEEN THE WINGWALL AND APPROACH SLAB SHALL BE GRADED TO DRAIN THE WATER AWAY FROM THE FILL FACE OF THE BRIDGE AND SHALL BE PAVED. SEE ROADWAY PLANS.

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.

AT THE CONTRACTORS OPTION, "TYPE A - ALTERNATE APPROACH FILL" IN LIEU OF "TYPE I - STANDARD APPROACH FILL" MAY BE CONSTRUCTED AT NO ADDITIONAL COST TO THE DEPARTMENT. SEE SHEET 2 OF 2 FOR DETAILS AND NOTES.



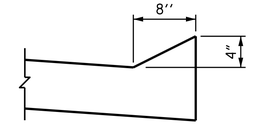
LEFT EDGE



RIGHT EDGE

ARC OFFSETS

APPROACH SLAB AT END BENT 1 OR 2



BILL OF MATERIAL

FOR APPROACH SLAB AT END BENT 1

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	16	#4	STR	34'-7"	370
A2	16	#4	STR	34'-7"	370
* B1	67	#5	STR	14'-1"	984
B2	67	#6	STR	14'-7"	1468
REINFORCING STEEL				LBS.	1838
* EPOXY COATED REINFORCING STEEL				LBS.	1354
CLASS AA CONCRETE				C. Y.	21.6

FOR APPROACH SLAB AT END BENT 2

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A3	16	#4	STR	33'-9"	361
A4	16	#4	STR	33'-9"	361
* B1	67	#5	STR	14'-1"	984
B2	67	#6	STR	14'-7"	1468
REINFORCING STEEL				LBS.	1829
* EPOXY COATED REINFORCING STEEL				LBS.	1345
CLASS AA CONCRETE				C. Y.	21.6

SPLICE LENGTHS

BAR SIZE	EPOXY COATED	UNCOATED
#4	1'-11"	1'-7"
#5	2'-5"	2'-0"
#6	3'-7"	2'-5"

PROJECT NO. B-5671

EDGECOMBE COUNTY

STATION: 17+00.00 -L-

SHEET 1 OF 2

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

STANDARD

BRIDGE APPROACH SLAB FOR INTEGRAL ABUTMENT WITH FLEXIBLE PAVEMENT

DocuSigned by: DB3C8E45B06D499...
NORTH CAROLINA PROFESSIONAL SEAL 4114 ENGINEER ROBERT C. LARSON
1/24/2020

DESIGN ENGINEER OF RECORD: DocuSigned by: DB3C8E45B06D499...	DATE : 1/24/2020		
ASSEMBLED BY : A. SAMBOY	DATE : 06/21/19		
CHECKED BY : R.C. LARSON	DATE : 06/27/19		
DRAWN BY : TLA 10/05	REV. 6/13	MAA/GM	
CHECKED BY : GM 5/06	REV. 12/17	MAA/THC	
	REV. 06/19	BNB/THC	

KCI PROJ. #251801945.24

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

ENGINEERS ◎ PLANNERS ◎ SCIENTISTS ◎ CONSTRUCTION MANAGERS LICENSE NUMBER: C-0764
KCI Associates of North Carolina, P.A.
4505 Falls of Neuse Road, Suite 400 Raleigh, NC 27609-6270 Phone (919) 783-9214

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

STD. NO. BAS5