APPROACH SLAB BILL OF MATERIAL

FOR ONE APPROACH SLAB (2 REQ'D) (STAGE I)

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✱ A1	26	#4	STR	31'-8"	550
A2	26	#4	STR	31'-8"	550
✱ B1	64	#5	STR	24'-2"	1613
B2	64	#6	STR	24'-8"	2371
✱ D1	17	#6	STR	3'-0"	77
REINFORCING STEEL				LBS.	2921
✱ EPOXY COATED REINFORCING STEEL				LBS.	2240
CLASS AA CONCRETE				C.Y.	36.6

SIDEWALK BILL OF MATERIAL

FOR ONE APPROACH SLAB (2 REQ'D) (STAGE I)

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✱ B3	4	#4	STR	24'-8"	66
✱ G1	25	#4	STR	5'-0"	84
✱ U1	8	#4	1	3'-4"	18
✱ EPOXY COATED REINFORCING STEEL				LBS.	168
CLASS AA CONCRETE				C.Y.	3.1

APPROACH SLAB BILL OF MATERIAL

FOR ONE APPROACH SLAB (2 REQ'D) (STAGE II)

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✱ A3	52	#4	STR	28'-1"	976
A4	52	#4	STR	27'-11"	970
✱ B1	109	#5	STR	24'-2"	2747
B2	109	#6	STR	24'-8"	4038
REINFORCING STEEL				LBS.	5009
✱ EPOXY COATED REINFORCING STEEL				LBS.	3723
CLASS AA CONCRETE				C.Y.	56.5

SIDEWALK BILL OF MATERIAL

FOR ONE APPROACH SLAB (2 REQ'D) (STAGE II)

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✱ B3	4	#4	STR	24'-8"	66
✱ G1	25	#4	STR	5'-0"	84
✱ U1	8	#4	1	3'-4"	18
✱ EPOXY COATED REINFORCING STEEL				LBS.	168
CLASS AA CONCRETE				C.Y.	3.1

MONOLITHIC CONC. ISLAND BILL OF MATERIAL

FOR END BENT 1

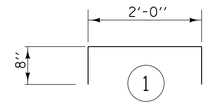
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✱ B4	3	#4	STR	24'-8"	49
✱ G2	17	#4	STR	3'-8"	42
✱ EPOXY COATED REINFORCING STEEL				LBS.	91
CLASS AA CONCRETE				C.Y.	1.8

MONOLITHIC CONC. ISLAND BILL OF MATERIAL

FOR END BENT 2

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✱ B5	4	#4	STR	24'-9"	66
✱ G3	16	#4	STR	5'-9"	61
✱ EPOXY COATED REINFORCING STEEL				LBS.	127
CLASS AA CONCRETE				C.Y.	2.6

BAR TYPES



SPLICE LENGTHS

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

NOTES

FOR BRIDGE APPROACH FILL, SEE ROADWAY PLANS.

STAGE I APPROACH SLAB SHALL NOT BE CONSTRUCTED PRIOR TO COMPLETION OF THE STAGE I BRIDGE DECK. STAGE II APPROACH SLAB SHALL NOT BE CONSTRUCTED PRIOR TO COMPLETION OF THE STAGE II AND CLOSURE POUR OF BRIDGE DECK.

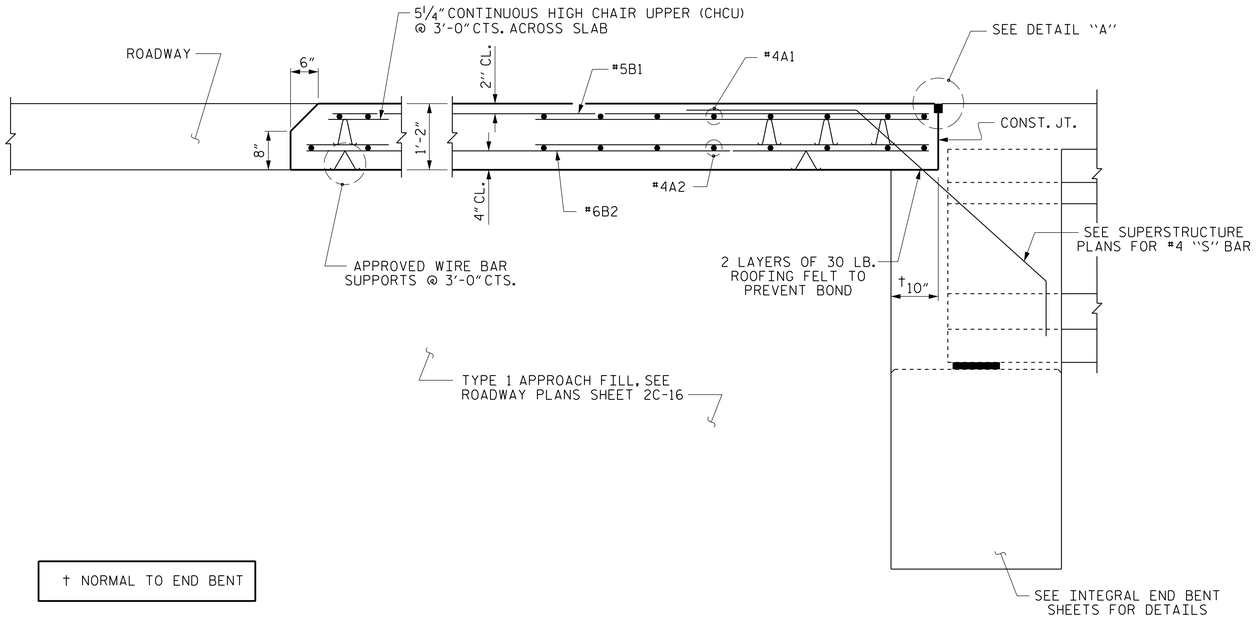
AREA BETWEEN THE WINGWALL AND APPROACH SLAB SHALL BE GRADED TO DRAIN THE WATER AWAY FROM THE FILL FACE OF THE BRIDGE AND SHALL BE PAVED. SEE ROADWAY PLANS.

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 1A - ALTERNATE APPROACH FILL" (ROADWAY STD. 423.02) MAY BE CONSTRUCTED AT NO ADDITIONAL COST TO THE DEPARTMENT IN LIEU OF "TYPE 1 - APPROACH FILL". SEE SHEET 3 OF 4 FOR DETAILS.

PAYMENT FOR SIDEWALK AND MONOLITHIC CONCRETE ISLAND SHALL BE INCLUDED IN THE LUMP SUM PRICE FOR BRIDGE APPROACH SLAB.

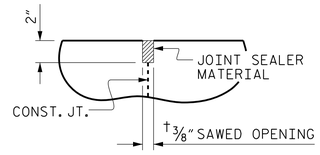
ALL REINFORCING STEEL IN THE SIDEWALK AND MONOLITHIC CONCRETE ISLAND SHALL BE EPOXY COATED.



† NORMAL TO END BENT

SECTION THRU SLAB

(TYPE 1 - APPROACH FILL)



DETAIL "A"

PROJECT NO. U-5839

HAYWOOD COUNTY

STATION: 31+45.00 -L- POT

SHEET 2 OF 4

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

BRIDGE APPROACH SLAB FOR INTEGRAL ABUTMENT WITH FLEXIBLE PAVEMENT

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S2-47
1			3			TOTAL SHEETS
2			4			49

PLANS PREPARED BY:

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DocuSigned by:
BEB2398D9220470...

NORTH CAROLINA PROFESSIONAL SEAL 14114 ENGINEER ROBERT C. LARSON
10/19/2023

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DRAWN BY : W. B. ALLEN DATE : 5/19
CHECKED BY : Z. H. BROWN DATE : 7/19
DESIGN ENGINEER OF RECORD: R. C. LARSON DATE : 2/23

DocuSigned by:
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