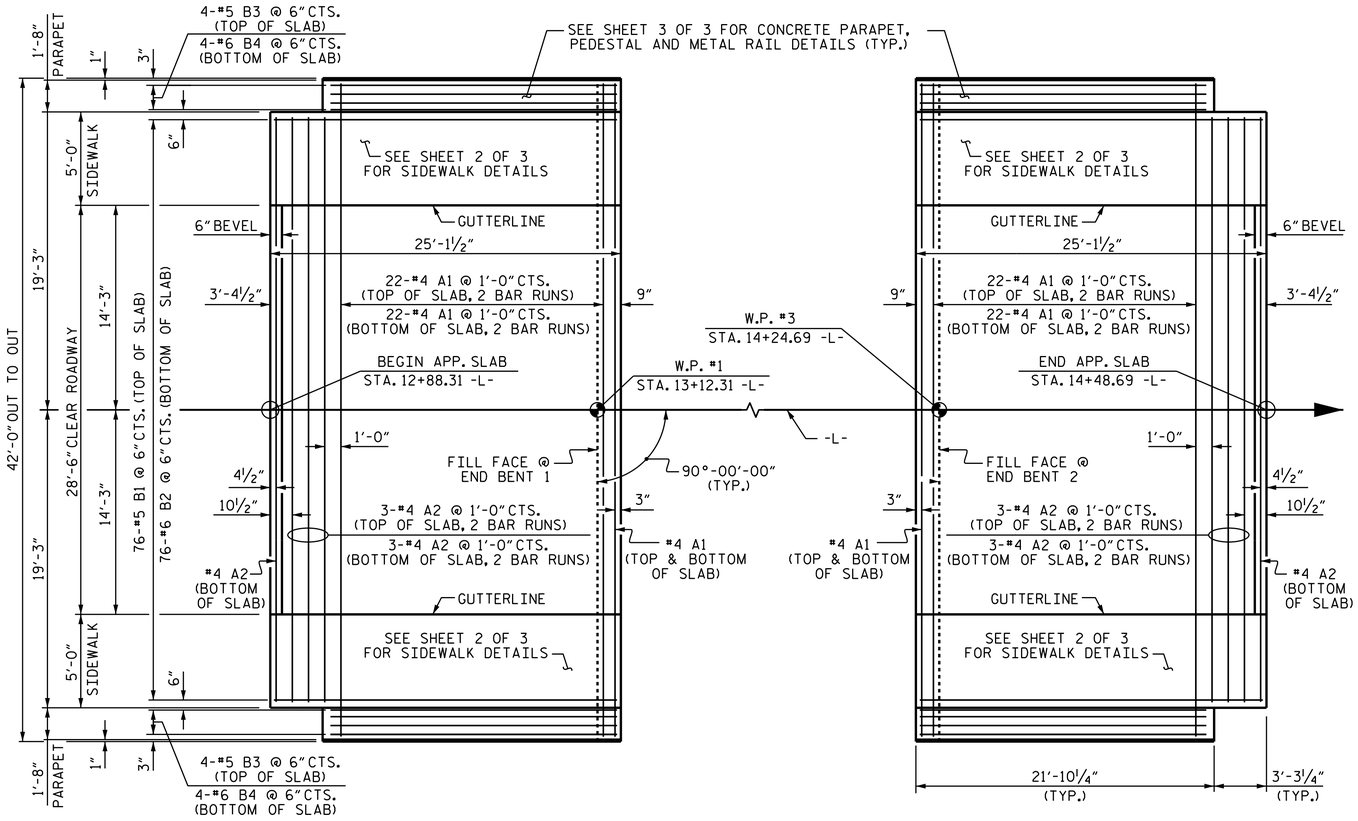
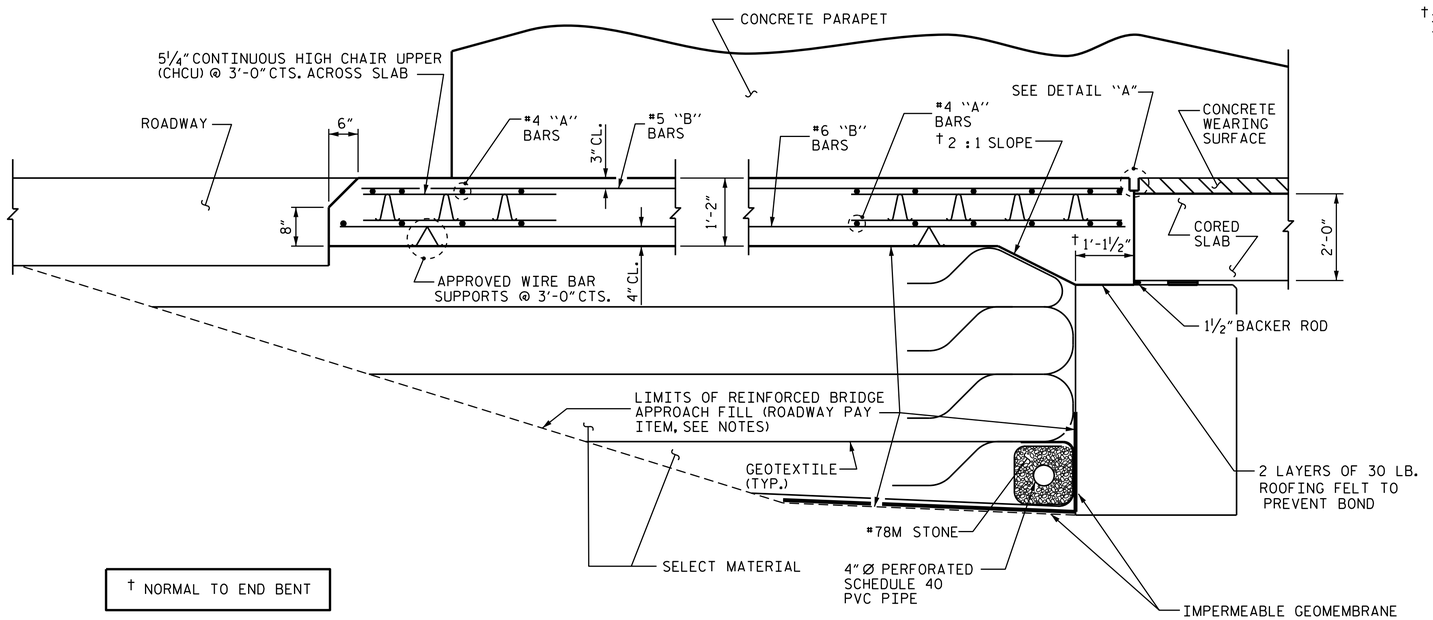


PLAN @ END BENT 1

PLAN @ END BENT 2

DIMENSIONS SHOWN ARE TYPICAL FOR BOTH APPROACH SLABS



† NORMAL TO END BENT

SECTION THRU SLAB

NOTES

FOR REINFORCED BRIDGE APPROACH FILL INCLUDING GEOTEXTILE, IMPERMEABLE GEOMEMBRANE, 4" Ø DRAINAGE PIPE, #78M STONE, AND SELECT MATERIAL, SEE ROADWAY PLANS.

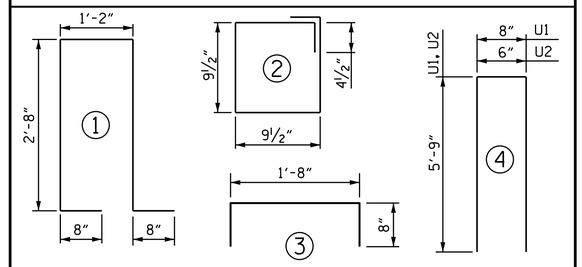
AREA BETWEEN THE WINGWALL AND APPROACH SLAB SHALL BE GRADED TO DRAIN THE WATER AWAY FROM THE FILL FACE OF THE BRIDGE AND SHALL BE PAVED. SEE ROADWAY PLANS.

FOR JOINT DETAILS, SEE "PRESTRESSED CONCRETE CORED SLAB UNIT" SHEETS.

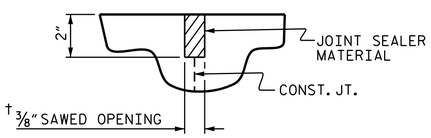
THE JOINT OPENING AT APPROACH SLAB CONCRETE WEARING SURFACE INTERFACE SHALL BE SAWED NO MORE THAN 12 HOURS AFTER THE APPROACH SLAB IS CAST. THE JOINT SHALL BE CLEANED OF ALL DEBRIS BEFORE THE SEALANT IS APPLIED. THE JOINT SEALER MATERIAL SHALL CONFIRMED TO REQUIREMENTS OF SECTION 1028-3 OF THE STANDARD SPECIFICATIONS.

APPROACH SLAB CONCRETE SHALL BE POURED AFTER CONCRETE WEARING SURFACE ON THE CORED SLAB.

BAR TYPE



ALL BAR DIMENSIONS ARE OUT TO OUT



DETAIL "A"

SPLICE LENGTHS	
BAR SIZE	EPOXY COATED
#4	2'-0"
#5	2'-6"
#6	3'-10"

BILL OF MATERIAL

FOR ONE APPROACH SLAB (2 REQUIRED)

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	46	#4	STR	21'-9"	668
* A2	7	#4	STR	20'-0"	94
* B1	76	#5	STR	24'-2"	1916
* B2	76	#6	STR	24'-7"	2806
* B3	8	#5	STR	21'-4"	178
* S2	48	#5	1	7'-10"	392
* U3	20	#4	3	3'-0"	40
* EPOXY COATED REINFORCING STEEL				LBS.	6094

CLASS AA CONCRETE

APPROACH SLAB _____ C. Y. 50.0

ENDPOST, PARAPET, AND PEDESTALS ON ONE APPROACH SLAB (2 REQUIRED)

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* B5	16	#5	STR.	21'-4"	356
* E1	4	#7	STR	3'-6"	29
* E2	4	#7	STR	3'-10"	31
* E3	4	#7	STR	4'-2"	34
* E4	4	#7	STR	4'-7"	37
* E5	4	#7	STR	4'-10"	40
* F1	4	#6	STR	1'-2"	7
* F2	4	#6	STR	2'-10"	17
* F3	8	#6	STR	3'-3"	39
* F4	4	#6	STR	3'-4"	20
* S1	14	#4	2	3'-11"	37
* U1	6	#4	4	12'-2"	49
* U2	2	#4	4	12'-0"	16
* EPOXY COATED REINFORCING STEEL				LBS.	712

CLASS AA CONCRETE ON APPROACH SLAB

CONCRETE PARAPET _____ C. Y. 6.9

2 PEDESTALS _____ C. Y. 0.5

2 END POSTS _____ C. Y. 1.2

TOTAL _____ C. Y. 8.6

SIDEWALK FOR ONE APPROACH SLAB (2 REQUIRED)

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* B4	10	#4	STR.	24'-7"	164
* G1	50	#4	STR.	4'-6"	150
* EPOXY COATED REINFORCING STEEL					314 LBS.

CLASS AA CONCRETE

SIDEWALK ON APPROACH SLAB 5.5 C. Y.

PROJECT NO. B-5129A

PAMLICO COUNTY

STATION: 13+68.50 -L-

SHEET 1 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

BRIDGE APPROACH SLAB FOR PRESTRESSED CONCRETE CORED SLAB UNIT

NORTH CAROLINA PROFESSIONAL SEAL 22005 ENGINEER A. KEITH PASCHAL

DocuSigned by: A. Keith Paschal F8B6AD6DB2FC48F...

12/5/2014

REVISIONS							SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:		S-23
1			3				TOTAL SHEETS
2			4				25

ASSEMBLED BY : B.N. BARODAWALA	DATE : 3-17-14		
CHECKED BY : D. G. ELY	DATE : 3-25-14		
DRAWN BY : FCJ 6/87	REV. 10/1/11	MAA/GM	
CHECKED BY : EGA 6/87	REV. 12/21/11	MAA/GM	
	REV. 6/13	MAA/GM	

04-DEC-2014 15:09
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kpaschal