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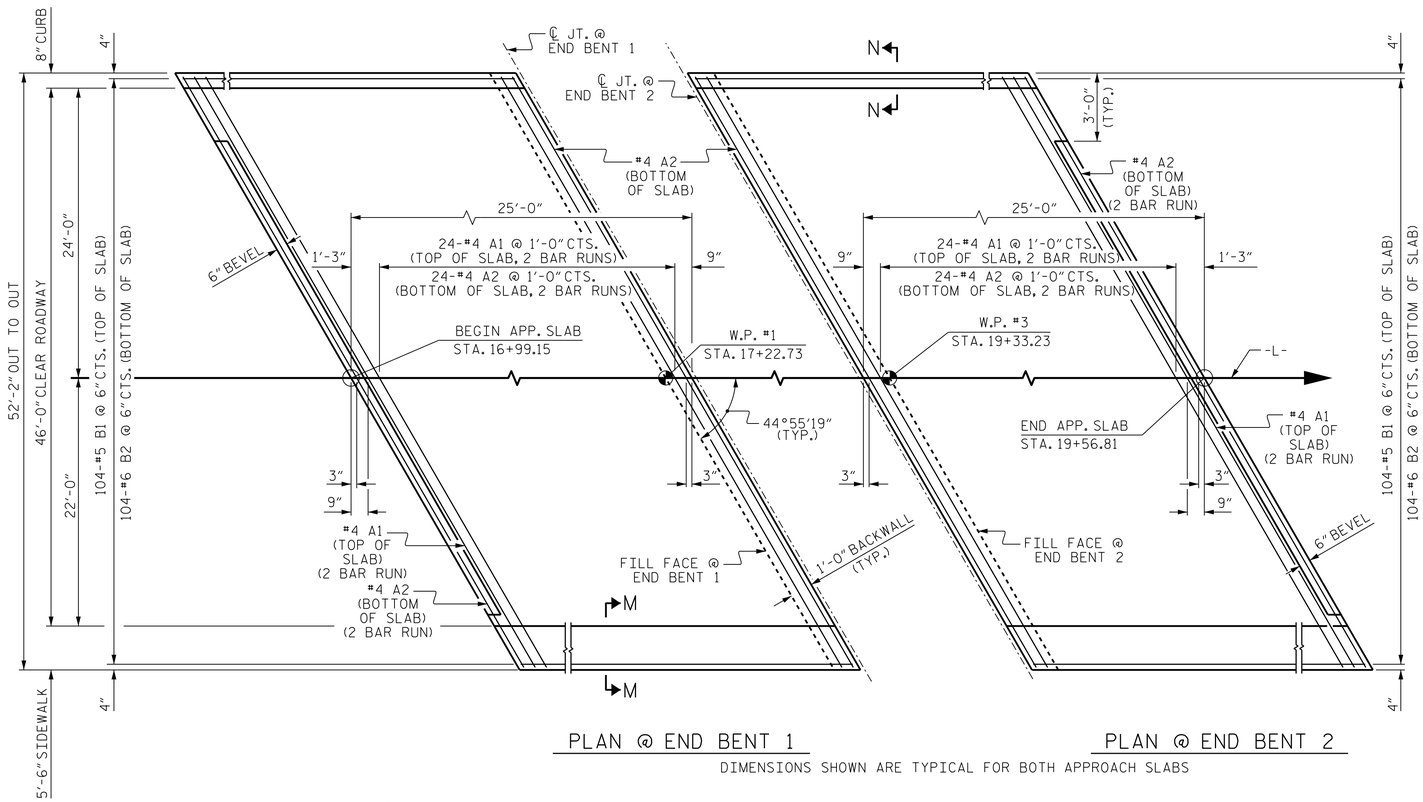
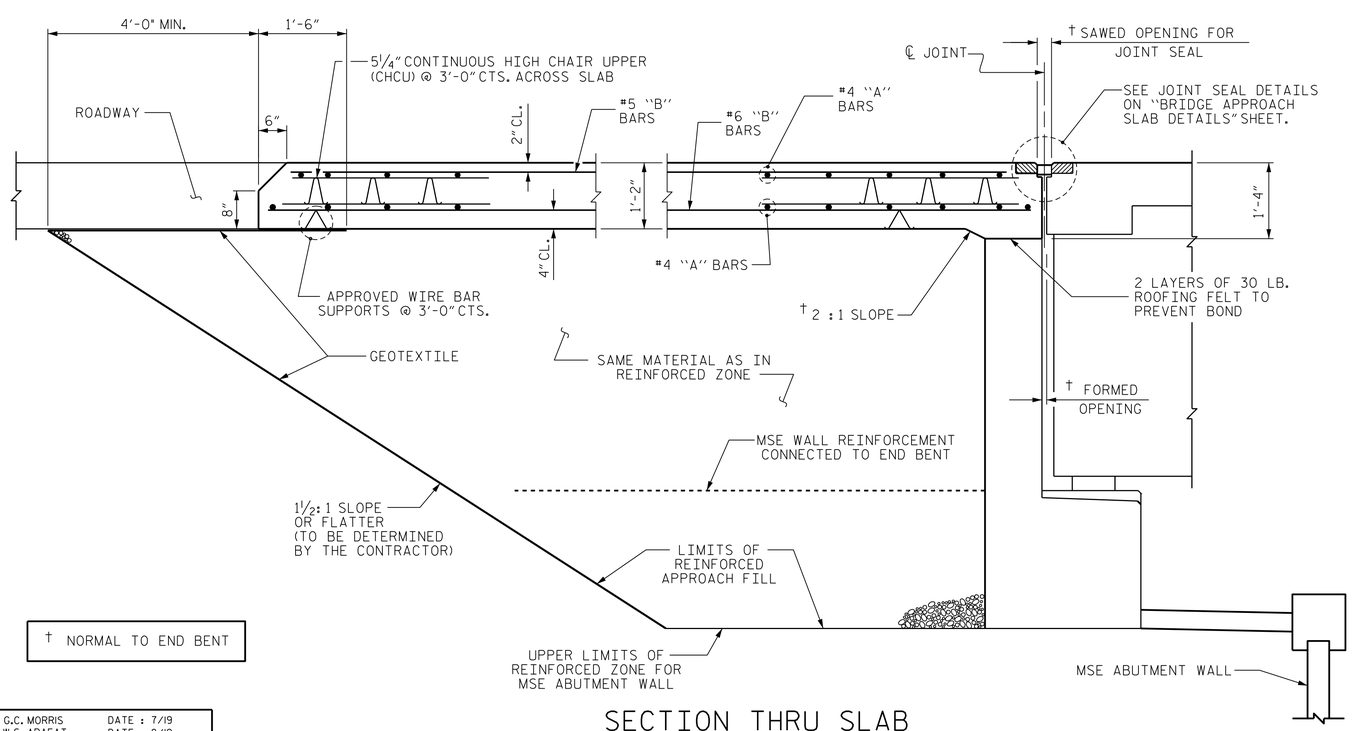


PLAN @ END BENT 1

PLAN @ END BENT 2

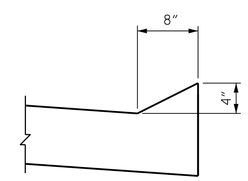
DIMENSIONS SHOWN ARE TYPICAL FOR BOTH APPROACH SLABS



† NORMAL TO END BENT

SECTION THRU SLAB

(TYPE III - REINFORCED APPROACH FILL)



SECTION N-N

NOTES

FOR BRIDGE APPROACH FILL INCLUDING GEOTEXTILE, MSE WALL REINFORCEMENT AND BACKFILL MATERIAL SEE ROADWAY PLANS.

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

BACKFILL MATERIAL SHALL BE THE SAME MATERIAL USED IN THE MSE REINFORCED ZONE.

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

THE JOINT SHALL BE SAWED PRIOR TO THE CASTING OF THE BARRIER RAIL OR PARAPET AND END POST.

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.

WITH FOAM JOINT SEAL

FOR FOAM JOINT SEALS, SEE SPECIAL PROVISIONS.

THE NOMINAL UNCOMPRESSED SEAL WIDTH OF THE FOAM JOINT SEAL SHALL BE 2".

FOR ELASTOMERIC CONCRETE, SEE SPECIAL PROVISIONS.

SPLICE LENGTHS

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

BILL OF MATERIAL

APPROACH SLAB AT END BENT 1

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	50	4	STR	37'-8"	1258
A2	52	4	STR	37'-6"	1303
* B1	104	5	STR	23'-0"	2495
B2	104	6	STR	24'-6"	3827
REINFORCING STEEL				LBS.	5130
* EPOXY COATED REINFORCING STEEL				LBS.	3753
CLASS AA CONCRETE				C. Y.	56.5

APPROACH SLAB AT END BENT 2

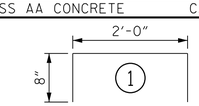
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	50	4	STR	37'-8"	1258
A2	52	4	STR	37'-6"	1303
* B1	104	5	STR	23'-0"	2495
B2	104	6	STR	24'-6"	3827
REINFORCING STEEL				LBS.	5130
* EPOXY COATED REINFORCING STEEL				LBS.	3753
CLASS AA CONCRETE				C. Y.	56.5

APPROACH SLAB 1 SIDEWALK

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* B1	4	4	STR	24'-6"	65
* G1	25	4	STR	7'-1"	118
* U1	8	4	1	3'-4"	18
* EPOXY COATED REINFORCING STEEL				LBS.	201
CLASS AA CONCRETE				C. Y.	2.4

APPROACH SLAB 2 SIDEWALK

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* B1	4	4	STR	24'-6"	65
* G1	25	4	STR	7'-1"	118
* U1	8	4	1	3'-4"	18
* EPOXY COATED REINFORCING STEEL				LBS.	201
CLASS AA CONCRETE				C. Y.	2.4



NORTH CAROLINA PROFESSIONAL SEAL 17230 ENGINEER WAEL S. ARAFAT

DocuSigned by: Wael Arafat 7807F1ACBA854A2...

4/9/2020

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PARRISH & PARTNERS

Parrish and Partners of North Carolina, PLLC
421 Fayetteville St. #1100
Raleigh, NC 27601

NC License #P-1212

PROJECT NO. BR-0047

STOKES COUNTY

STATION: 18+27.98 -L-

SHEET 1 OF 2

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

BRIDGE APPROACH SLAB FOR FLEXIBLE PAVEMENT

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-38
1			3			TOTAL SHEETS
2			4			39

ASSEMBLED BY : G.C. MORRIS		DATE : 7/19	
CHECKED BY : W.S. ARAFAT		DATE : 8/19	
DRAWN BY : EEM 3/95	REV. 6/13	MAA/GM	
CHECKED BY : VAP 3/95	REV. 12/17	MAA/THC	
	REV. 06/19	BNB/THC	

STD. NO. BAS2 (SHT 2a)

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