

ALL BAR DIMENSIONS ARE OUT TO OUT

THE QUANTITY OF #4JIE BARS ON THE BILL OF MATERIAL IS BASED ON 1'-0" CENTERS. JIE BARS SHALL BE PLACED AT EACH VERTICAL STUD ANCHOR BOLT. IN THE EVENT THAT THE NUMBER OF VERTICAL STUD ANCHORS EXCEEDS THE NUMBER OF JIE BARS SPECIFIED, ADDITIONAL JIE BARS WILL NOT BE REQUIRED.

BILL OF MATERIAL					
APPROACH SLAB AT EB #1					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1E	30	#4	STR	29'-11"	600
A2	32	#4	STR	29'-9"	636
B1E	112	#5	STR	14'-0"	1635
B2	112	#6	STR	14'-8"	2467
B3E	3	#5	STR	9'-3"	29
B4	3	#6	STR	9'-7"	43
B5E	4	#4	STR	14'-4"	38
G1E	15	#4	STR	5'-2"	52
J1E	50	#4	1	1'-5"	47
U1E	6	#4	2	3'-8"	15

REINFORCING STEEL **	LBS.	3146
EPOXY COATED REINFORCING STEEL **	LBS.	2416

CLASS AA CONCRETE BREAKDOWN		
POUR 1 (SLAB) **	C. Y.	37.6
POUR 2 (SIDEWALK) **	C. Y.	1.9
TOTAL	C. Y.	39.5

APPROACH SLAB AT EB #2					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1E	30	#4	STR	29'-11"	600
A2	32	#4	STR	29'-9"	636
B1E	112	#5	STR	14'-0"	1635
B2	112	#6	STR	14'-8"	2467
B3E	3	#5	STR	9'-3"	29
B4	3	#6	STR	9'-7"	43
B5E	4	#4	STR	14'-4"	38
G1E	15	#4	STR	5'-2"	52
J1E	50	#4	1	1'-5"	47
U1E	6	#4	2	3'-8"	15

REINFORCING STEEL **	LBS.	3146
EPOXY COATED REINFORCING STEEL **	LBS.	2416

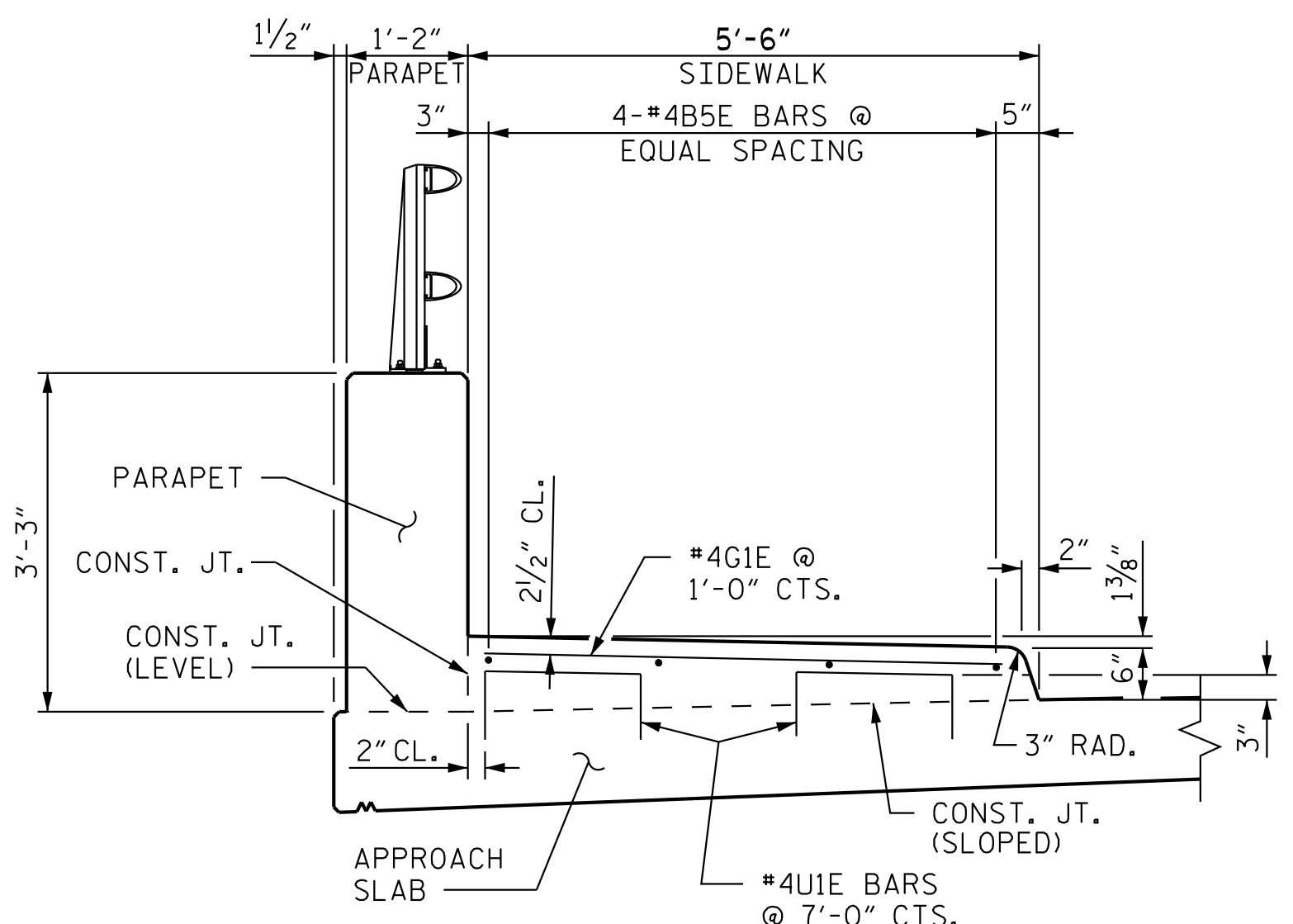
CLASS AA CONCRETE BREAKDOWN		
POUR 1 (SLAB) **	C. Y.	37.6
POUR 2 (SIDEWALK) **	C. Y.	1.9
TOTAL	C. Y.	39.5

REINFORCING STEEL **	LBS.	3146
EPOXY COATED REINFORCING STEEL **	LBS.	2416

"E" INDICATES EPOXY COATED REINFORCING STEEL.
 ** QUANTITIES FOR CONCRETE PARAPET ARE NOT INCLUDED, FOR REINFORCING STEEL REQUIRED FOR THE PARAPET, SEE "CONCRETE PARAPET DETAIL" SHEETS.

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

PLAN OF SIDEWALKS



SECTION M-M
SIDEWALK DETAILS

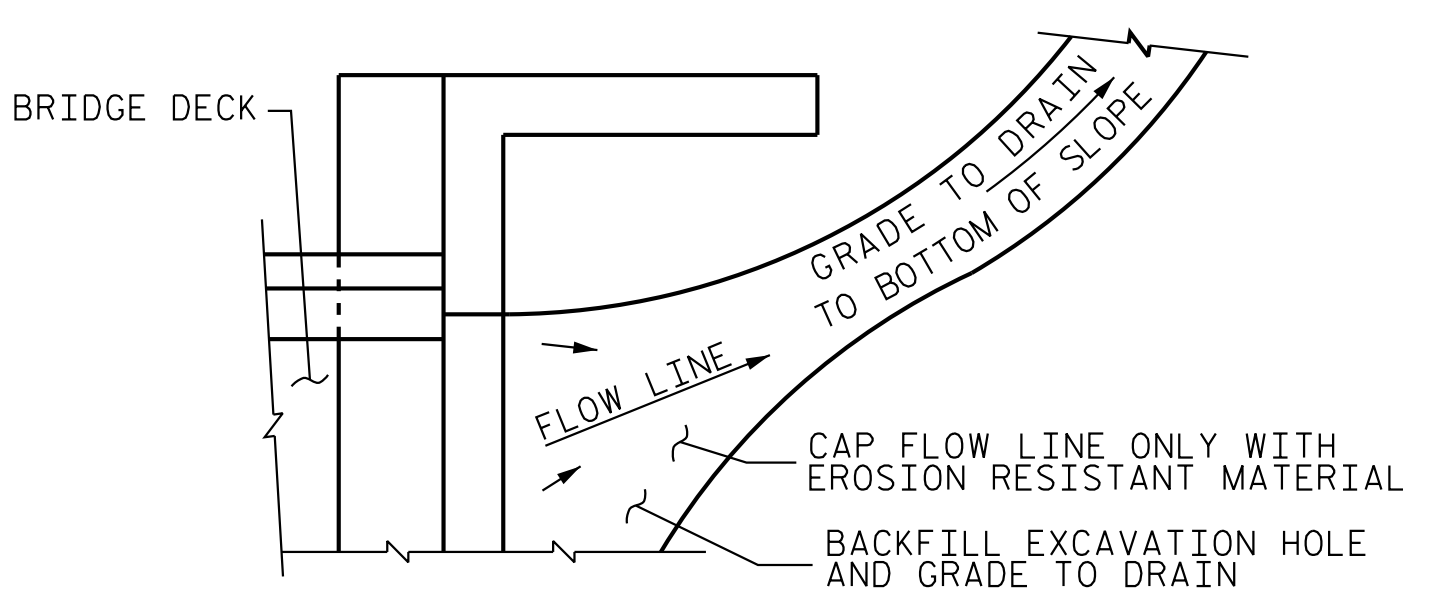
NOTES

THE COST OF THE CONCRETE PARAPETS ON THE APPROACH SLAB SHALL BE INCLUDED IN THE LINEAR FOOT CONTRACT PRICE BID FOR "CONCRETE PARAPET".

THE CONCRETE PARAPETS ON EACH APPROACH SLAB SHALL NOT BE CAST UNTIL ALL APPROACH SLAB CONCRETE HAS BEEN CAST AND HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI.

ALL REINFORCING STEEL IN CONCRETE PARAPETS SHALL BE EPOXY COATED.

#4U1E BARS MAY BE PUSHED INTO GREEN CONCRETE AFTER APPROACH SLAB HAS BEEN SCREEDED OFF.

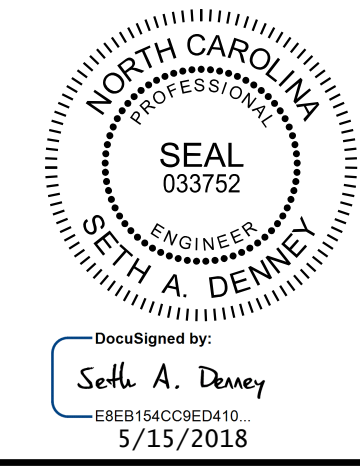


NOTE: IF THE APPROACH SLAB IS NOT CONSTRUCTED IMMEDIATELY AFTER THE BACKFILLING OF THE END BENT EXCAVATION, GRADE TO DRAIN TO THE BOTTOM OF THE SLOPE AND PROVIDE EROSION RESISTANT MATERIAL, SUCH AS FIBERGLASS ROVING OR AS DIRECTED BY THE ENGINEER TO PREVENT SOIL EROSION AND TO PROTECT THE AREA ADJACENT TO THE STRUCTURE. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THESE MATERIALS PRIOR TO CONSTRUCTION OF THE APPROACH SLAB.

TEMPORARY DRAINAGE DETAIL

PROJECT NO. R-3822
HALIFAX COUNTY
 STATION: 99+17.60 -L1-

SHEET 2 OF 2



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 STANDARD
 BRIDGE APPROACH
 SLAB DETAILS

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-58
1			3			TOTAL SHEETS
2			4			58

Kimley»Horn
 421 Fayetteville Street, Suite 600
 Raleigh, NC 27601-1772
 Phone (919) 677-2000 NC LICENSE # F-0102

**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**

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ASSEMBLED BY :	D. D. LOWERY	DATE :	03/18
CHECKED BY :	A. L. PHILLIPS	DATE :	03/18
DRAWN BY :	FCJ 11/88	REV. 7/12	MAA/GM
CHECKED BY :	ARB 11/88	REV. 6/13	MAA/GM
		REV. 12/17	MAA/THC