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PROJECT REFERENCE NO.	SHEET NO.
B-5772	3B-1
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 039144 ENGINEER RUTH GRAHAM PEERS

DocuSigned by: Edith G. Peers 4EAEA97ACDB9440...
04/28/2022

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DAVENPORT
119 BROOKSTOWN AVENUE, SUITE PH1
WINSTON-SALEM, NC 27101
336.744.1636 www.davenportworld.com
NCBELS FIRM LICENSE NO. C-2522

SUMMARY OF EARTHWORK

(IN CUBIC YARDS)

STATION	STATION	UNCL. EXCAV.	EMBANK. +%	BORROW	WASTE
18+80.00 -EL-	20+09.62 -EL-	86	89	3	
21+59.96 -EL-	22+80.00 -EL-	196	69		127
SUBTOTALS:		282	158	3	127
WASTE IN LIEU OF BORROW:				-3	-3
GRAND TOTALS:		282	158	0	124
SAY:		285			
EST. DDE = 60 CU. YD.					
EST. CONTINGENCY UNDERCUT = 250 CU. YD.					
EST. CONTINGENCY SELECT GRANULAR MATERIAL = 200 CU. YD					

NOTE: Approximate quantities only. Unclassified Excavation, Fine Grading, Clearing and Grubbing, and Removal of Existing Pavement will be paid for at the contract lump sum price for "Grading."

ASPHALT PAVEMENT REMOVAL SUMMARY

STATION	STATION	LOCATION	AREA SQ FT	AREA SQ YD
19+45 ± -EL-	20+25 ± -EL-	ALL	1972	219
21+48 ± -EL-	22+23 ± -EL-	ALL	1817	202
SUBTOTAL:				421
SAY:				425

SHOULDER BERM GUTTER SUMMARY

(IN LINEAR FEET)

SURVEY LINE	STATION	STATION	LOCATION	LENGTH
-EL-	21+83.96	22+03.00	LT	19.04
-EL-	21+83.96	22+03.00	RT	19.04
			TOTAL:	38.08
			SAY:	40

"N" = DISTANCE FROM EDGE OF LANE TO FACE OF GUARDRAIL.
TOTAL SHOULDER WIDTH = DISTANCE FROM EDGE OF TRAVEL LANE TO SHOULDER BREAK POINT.
FLARE LENGTH = DISTANCE FROM LAST SECTION OF PARALLEL GUARDRAIL TO END OF GUARDRAIL.
W = TOTAL WIDTH OF FLARE FROM BEGINNING OF TAPER TO END OF GUARDRAIL.
G = GATING IMPACT ATTENUATOR TYPE 350
NG = NON-GATING IMPACT ATTENUATOR TYPE 350

GUARDRAIL SUMMARY

(IN LINEAR FEET)

SURVEY LINE	BEG. STA.	END STA.	LOCATION	LENGTH			WARRANT POINT		"N" DIST. FROM E.O.L.	TOTAL SHOUL. WIDTH	FLARE LENGTH		W		ANCHORS								IMPACT ATTENUATOR TYPE 350			SINGLE FACED GUARDRAIL	REMOVE EXISTING GUARDRAIL	REMOVE AND STOCKPILE EXISTING GUARDRAIL	REMARKS
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	XI MOD	XI	GREU TL-3	M-350	III	CAT-1	VI MOD	BIC	AT-1	EA	G	NG				
-EL-	18+78.62	20+09.62 (Bridge)	RT	131.25			20+09.62 (Bridge)		4.8	5	50		1				1		1											
-EL-	19+41.12	20+09.62 (Bridge)	LT	68.75				20+09.62 (Bridge)	4.8	5	50			1			1		1											
-EL-	21+59.96 (Bridge)	22+33.00	RT	75				21+59.96 (Bridge)	4.8	5	50			1			1		1											
-EL-	21+59.96 (Bridge)	22+33.00	LT	75			21+59.96 (Bridge)		4.8	5	50		1				1		1											
SUBTOTAL				350													4		4											
LESS ANCHOR DEDUCTIONS (4 GRAU, 4 TL-3)				-275																										
TOTAL				75																										

NOTE: Additional guardrail posts – 5 EA

8:31:01 AM
4/28/2022
USER: RPeers
C:\pwworking\nccdot\d0911\NCDOT_B5772_HurleySch\DESIGN\03-CADD\B5772\Roadway\Proj\B5772_Rdy_PSH_3B-1.dgn