COMPUTED BY: BDR	DATE: 11/5/19
CHECKED BY: VTS	DATE: 11/5/19

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PROJECT REFERENCE NO.	SHEET NO.
R-5740	3B-1

SUMMARY OF EARTHWORK

STATION	STATION	UNCL. EXCAV.	EMBANK. +%	BORROW	WASTE
-L-					
10+00.00	40+00.00	2,126	1,363	0	763
40+00.00	70+00.00	3,666	1,770	0	1,896
70+00.00	100+00.00	6,680	6,837	157	0
100+00.00	130+00.00	3,498	3,156	0	342
130+00.00	160+00.00	4,839	2,508	0	2,330
160+00.00	190+00.00	2,878	2,700	0	178
190+00.00	220+00.00	3,918	1,848	0	2,079
220+00.00	241+91.25	2,506	1,851	0	655
-DR5-					
10+00.00	10+90.00	2	157	155	0
PROJECT TOTAL:		30,111	22,190	312	8,234
REPLACE TOP SOIL ON BORROW PIT (5%)				16	
GRAND TOTAL:		30,111	22,190	328	8,234
SAY:		30,120		330	

-L- PAVEMENT STRUCTURE VOLUME = 19 CY

PAVEMENT REMOVAL SUMMARY

SURVEY LINE	STATION	STATION	AREA (SY)
-L- (CL)	93+84	97+50	810.95
-L- (CL)	97+95	98+41	22.01
		TOTAL:	832.96
		SAY:	840

"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

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 AND RESET 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	B-77	CAT-1	VI MOD	MOD B-77	AT-1	EA	G	NG				
-L-	78+80.08	80+80.09	RT	200'			79+56.67 (CULVERT)	80+03.50 (CULVERT)	4'	7'	50'	50'					2													
-L-	78+84.25	80+46.75	LT	162.5'			80+07.88 (CULVERT)	79+60.62 (CULVERT)	4'	7'	50'	50'					2													
-L-	131+75.36	133+87.86	RT	212.5'			132+53.16 (CULVERT)	133+10.06 (CULVERT)	4'	7'	50'	50'					2													
-L-	131+82.86	134+07.86	LT	225'			133+27.34 (CULVERT)	132+63.37 (CULVERT)	4'	7'	50'	50'					2													
			SUBTOTAL	800'																									
		LESS 8 GREU TL-3 @ 50' EACH		400'																									
			PROJECT TOTALS	400'													8												ADDITIONAL GUARDRAIL POSTS = 5

04-FEB-2020 09:20
R:\Roadway\Proj\R5740_rdy_psh_3B-1.dgn
$$$$USERNAME$$$$