COMPUTED BY: DEL DATE: 8/14/04
CHECKED BY: NJD DATE: 8/14/24

PROJECT NO.	SHEET NO.
B-3530	3-B

C00026267

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

SUMMARY OF EARTHWORK

IN CUBIC YARDS

Station	Station	Uncl. Excav.	Embank. +%	Borrow	Waste
-L- 12+00	-L- 15+33	306	809	503	
-L- 16+33	-L- 21+55	635	709	74	
-DR1- 10+15	-DR1- 10+96	1	2	1	
SUBTOTAL		636	711	75	
PROJECT TOTAL		942	1520	578	
STRUCTURE EXCAVATION IN LIEU OF BORROW				-590	
EST. 5% TO REPLACE TOPSOIL					
ON 'BORROW PIT				29	
GRAND TOTALS		942		17	
	SAY	1000		50	

-L- PAVEMENT STRUCTURE VOLUME = 130 CY
ESTIMATED UNDERCUT = 200 CY

SUMMARY OF EXISTING ASPHALT PAVEMENT REMOVAL

LINE	Station	Station	LOC LT/RT/CL	YD^2
-L-	12+90	15+62.83	CL	659
-L-	16+02.66	19+00	CL	648
			SUBTOTAL	1307
			SAY	1400

"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

LINE	BEG. STA.	END STA.	LOC.	LENGTH STRAIGHT	LENGTH SHOP CURVED	LENGTH DOUBLE FACED	WARRANT POINT APPR. END	WARRANT POINT TRAIL. END	"N" DIST FROM E.O.L.	TOTAL SHLDR WIDTH	FLAIR LENGTH APPR. END	FLAIR LENGTH TRAIL. END	W APPR. END	W TRAIL. END	ANCHORS XI MOD	ANCHORS III	ANCHORS GRAU 350	ANCHORS AT-1	ANCHORS TES	ANCHORS CAT-1	ANCHORS VI MOD	IMP. ATTEN. TYPE 350 EA	IMP. ATTEN. TYPE 350 G	IMP. ATTEN. TYPE 350 NG	REMOVE EXISTING GRDRAIL		REMARKS
-L-	14+32.25	15+19.75	LT	87.50				15+19.75	6.00	9.00		18.75		0.375		1	1										ROADWAY STANDARD 862.01 SH 3 OF 11
-L-	13+07.25	15+19.75	RT.	212.50			15+19.75		3.00	6.00	143.75		2.875			1	1										ROADWAY STANDARD 862.01 SH 3 OF 11
-L-	16+46.25	18+47	LT	187.50	37.5		16+46.25		6.00	9.00	162.49		2.00			1		1									SHOP CURVE GUARDRAIL RADIUS = 20 FT.
-L-	16+46.25	17+33.75	RT.	87.50				16+46.25	3.00	6.00		18.75		0.375		1	1										ROADWAY STANDARD 862.01 SH 3 OF 11
SUBTOTALS			**SUBTOTALS**	575.00	37.5											4	3	1									
		LESS ANCHOR DEDUCTIONS																									
		TYPE III	4 @ 18.75'	-75.00																							
		GRAU-350	3 @ 50'	-150.00																							
		AT-1	1 @ 6.25'	-6.25																							
			TOTALS	343.75	37.5											4	3	1									
			SAY	350.00	37.5											4	3	1									
			(5 ADDITIONAL POSTS)																								