PROJECT	SHEET NO.
B-4626	3B-1

SUMMARY OF EARTHWORK

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Station	Station	Uncl.	Undercut	Embank.	Borrow	Waste
		Excav.		+%		
EBL			-			
-EBL- STA. 29+10 T	O 35+12.11	188	0	218	30	0
-EBL- STA. 46+14.0	4 TO 51+00	36	0	414	378	0
-EBL- SUBTO	TALS:	224	0	632	408	0
WBL						
-WBL- STA. 52+50 T	O 55+50 CL	90	0	18	0	72
-WBL- STA. 57+00 T	170	0	26	0	144	
-WBL- SUBTO	TALS:	260	0	44	0	216
TOTALS		484	0	676	408	216
LOSS DUE TO CLEARING	AND GRUBBING	-200	0		200	0
ESTIMATED SHOULD	ER MATERIAL			276	276	
WASTE IN LIEU OF				210	-216	-216
PROJECT TO	TALS:	284	0	952	668	0
EST. 5% TO REPLACE TOP S					34	
GRAND TOT	ALS:	284	0	952	702	0
SAY:		300			800	

NOTE: EARTHWORK QUANTITIES ARE CALCULATED BASED ON ROADWAY DESIGN UNIT GUIDELINES.
THESE EARTHWORK QUANTITIES ARE BASED IN PART ON SUBSURFACE DATA PROVIDED BY THE GEOTECHNICAL ENGINEERING UNIT.

EST. SHALLOW UNDERCUT = 200 CY (BY CONTINGENCY)

EST. UNDERCUT EXCAVATION = 500 CY (BY CONTINGENCY)

EST. SELECT GRANULAR MATERIAL = 400 CY (BY CONTINGENCY)

STATE OF NORTH CAROLINA **DIVISION OF HIGHWAYS**

SUMMARY OF SHOUILDER BERM GUITTER

LOCATION	LOCATION	BEG. STA.	END STA.	LENGTH
EBL	RT	34+69.65	34+88.11	18.46
			TOTAL	18.46
			SAY	20

SUMMARY OF ASPHALT PAVEMENT REMOVAL

LOCATION	LOCATION	BEG. STA.	END STA.	AREA (SY)
-EBL-	C/L	34+88.00	35+11.00	75.68
-EBL-	C/L	46+06.00	46+30.00	76.53
			TOTAL	152.21
			SAY	160

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

GUARDRAIL SUMMARY

OLIDVEY				LENG	LENGTH V		WARRANT POINT	WALL DIOT EDOM	TOTAL	FLARE LI	ENGTH	W	/	Δ	NCHORS	3	EXISTING	DEL ADDING
SURVEY LINE	BEG. STA.	END STA.	LOCATION	STRAIGHT	SHOP DOUBLE CURVED FACED	APPROACH	TRAILING END	SHOUL	SHOUL WIDTH	APPROACH END	TRAILING END	APPROACH END	TRAILING END	Type III B-7	7 GREU	CAT-1	GUARDRAIL TO BE REMOVED	RELAPPING GUARDRAIL
-EBL-	16+36.85	28+43.10	RT	1206.25'		FILL SLOPE		7	10	50'		1'			1	1	1205'	
-EBL-	31+63.73	35+02.11	LT	338.38'		BRIDGE		6	9	50'		1'		1	1		145'	
-EBL-	32+55.93	35+02.11	RT	246.18'		BRIDGE		8	11	50'		1'		1	1		275'	
-EBL-	46+16.33	47+36.57	RT	120.24'			BRIDGE	8	11		50'		1'	1	1		135'	
-EBL-	46+30.21	48+43.91	LT	213.70'			BRIDGE	6	9		50'		1'	1		1	260'	
-WBL-	24+25.00	27+37.50	LT	312.50'		FILL SLOPE	FILL SLOPE	12	15	50'	50'	1'	1'		2		105'	
-WBL-	31+79.38	34+85.63	RT	306.25'			BRIDGE	6.3	9'		50'		1	1	1		255'	306.25'
-WBL-	33+41.53	34+85.28	LT	143.75'			BRIDGE	5	8'		50'		1	1	1		125'	
-WBL-	45+88.27	47+32.02	RT	143.75'		BRIDGE				50'		1'		1	1		130'	143.75'
-WBL-	46+02.47	48+45.97	LT	243.5		BRIDGE				50'		1'		1	1		245'	
		SUBTOTAL		3274.50'										0 8	10	2	2880'	450'
_	LESS ANCHOR DEDUCTION		-															
	GREU, TL-3	10 @ 50.00'	=	500.00'				1										
	CAT-1	2 @ 6.25'	=	12.50'														
	B-77	8 @ 22.875'	=	183.00'														
		0 @ 22:0:0																
TOTAL				2579.00'													2880'	450'
		+						+							+			
			SAY	2600'													2900'	450'
1	10 ADDI	TIONAL GUARDRAIL POSTS														1		