

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

SUMMARY OF EARTHWORK IN CUBIC YARDS

STATION	STATION	UNCLASSIFIED EXCAVATION	UNDERCUT	EMBT +%	BORROW	WASTE
B-008						
-L- 16+50.00	-L- 21+06.62	175		4,110	3,935	
-L- 22+06.12	-L- 25+30.00	146		2,854	2,708	
	SUBTOTAL	321		6,964	6,643	
-L2- 106+20	-L2- 110+75	355		371	16	
	SUBTOTAL	355		371	16	0
B-129-130						
-L1-&-L2-102+50	-L1-&-L2-106+76.15	211		4,106	3,895	
-L1-&-L2-107+17.10	-L1-&-L2-111+50	316		2,428	2,112	
	SUBTOTAL	527		6,534	6,007	0
-Y-10+85	-Y-17+00	704		81		623
	SUBTOTAL	704		81		623
	TOTAL	1,907		13,950	12,666	623
MATERIAL FOR SHOULDER CONSTRUCTION LOSS DUE TO CLEARING & GRUBBING WASTE IN LIEU OF BORROW		-100		863	863	100
						-623
PROJECT TOTAL		1,807		14,813	13,006	
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT						650.3
GRAND TOTAL		1,807			13,656	
SAY		1,865			13,700	

PAVEMENT REMOVAL SUMMARY

IN SQUARE YARDS				
SURVEY LINE	Station	Station	LOCATION LT/RT/CL	ASPHALT REMOVAL
Br. 008				
-L-	19+15	21+06.62	LT & RT	514.16
-L-	22+06.12	23+00	LT & RT	247.17
Br. 129 & 130				
-L1-	104+95	106+18.12	LT&RT	507.19
-L1-	107+17.12	108+25	LT&RT	468.11
-L2-	105+45	106+76.15	LT&RT	576.35
-L2-	107+75.15	108+65	LT&RT	366.68
TOTAL:				2679.66
SAY:				2690

SHOULDER BERM GUTTER SUMMARY

LINE	Station	Station	LENGTH
BRIDGE 008			
-L-	17+20	20+70.07	350.07
-L-	19+55	20+98.67	143.67
-L-	22+45.05	25+05	259.95
BRIDGE 129 - 130			
-L1-	104+95	105+72.51	77.51
-L1-	105+55	106+10.51	55.51
-L1-	107+18.68	107+55	36.32
-L1-	107+56.68	108+12	55.32
-L2-	105+80	106+36.57	56.57
-L2-	106+12	106+74.57	62.57
-L2-	107+86.74	108+38	51.26
-L2-	108+20.71	108+55	34.29
-Y-	15+08	15+80	72
TOTAL:			1255.04
SAY:			1260

Note: Approximate quantities only. Unclassified 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

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

G = GATING IMPACT ATTENUATOR TYPE 350
 NG = NON-GATING IMPACT ATTENUATOR TYPE 350

SURVEY LINE	BEG. STA.	END STA.	LOCATION	LENGTH			WARRANT POINT		"N" DIST. FROM E.O.L.	TOTAL SHOULDER WIDTH	FLARE LENGTH		W		ANCHORS					IMPACT ATTENUATOR		SINGLE FACED CONCRETE BARRIER	REMOVE EXISTING GUARDRAIL	REMOVE & 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	B-77	TYPE III	CAT-1	G					NG
L	17+29.92	21+23.67	LT	393.75			21+23.67		4	10																Br.008
L	16+63.82	20+95.07	RT	431.25			20+95.07		4	10																Br.008
L	21+91.46	24+41.46	RT	250				21+91.46	4	10																Br.008
L	22+20.06	25+32.56	LT	312.5				22+20.06	4	10																Br.008
L1	99+66.26	105+97.51	RT	631.25			100+91.26		10	10																Br. 129
L1	103+54.26	106+35.51	LT	281.25			106+35.51		4	4																Br. 129
L1	106+93.68	112+06.18	RT	512.5				112+00	10	10																Br. 129
L1	107+31.68	109+87.93	LT	256.25					4	4																Br. 129
L2	101+12.07	106+99.57	LT	587.5				101+12.07	10	12																Br. 130
L2	104+55.32	106+61.57	RT	206.25				106+61.57	4	6																Br. 130
L2	107+89.90	109+71.15	RT	181.25			109+71.15				50															Br. 008
L2	106+68.69	108+49.94	LT	181.25			108+49.94				50															Br. 008
L2	107+95.74	111+01.99	LT	306.25			107+95.74		10	12																Br. 130
L2	107+57.74	109+88.99	RT	231.25																						Br. 130
Y	13+71.65	16+41.63	RT	187.5	56																					
Y	11+42.45	15+36.27	LT	337.5	56.5																					
SUBTOTAL				5287.5	112.5																					
GREU TL-3	10 @ 50			-500																						
TYPE III	12 @ 18.75			-225																						
B-77	6 @ 18.75			-112.5																						
CAT-1	4 @ 6.25			-25																						
SUBTOTAL				-862.5																						
TOTAL				4425	112.5																					10 ADDITIONAL GUARDRAIL