PROJECT NO.	SHEET NO.
R-3303	3-A

METRIC

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

SUMMARY OF EARTHWORK

LINE	STATION	STATION	UNCL. EXCAV. M^3	EMBANK. + % M^3	BORROW M^3	WASTE M^3
	SUMMARY 1					
-L-	8+49.941	11+05.000	898	641		257
-Y1-	10+65.408	12+06.917	172	108		64
		SUBTOTAL:	1070	749		321
	SUMMARY 2					
-L-	11+05.000	23+15.000	42505	28694		13811
-Y2-	10+14.806	11+36.632	348	52		296
		SUBTOTAL:	42853	28746		14107
	SUMMARY 3					
-L-	23+15.000	37+82.000	36972	46658	9686	
-Y3-	10+82.196	11+37.132				
		SUBTOTAL:	36972	46658	9686	
	SUMMARY 4					
-L-	37+82.000	44+57.510	26445	9881		16564
-Y4-	10+00.000	12+95.078	2792	292		2500
-Y5-	10+00.000	13+08.659	346	711	365	
-Y6-	10+00.000	10+57.500	41	160	119	
		SUBTOTAL:	29624	11044	484	19064
		PROJECT SUBTOTALS	110519	87197	10170	33492
		LOSS DUE TO CLEARING & GRUBBING	-5000	0	0	-5000
		LOSS DUE TO PAVEMENT REMOVAL	-300	360	0	300
		PROJECT SUBTOTALS:	105219	87557	10170	28792
		Waste to Replace Borrow			-10170	-10170
		GRAND TOTALS:	105219	87557	0	18622
		SAY:	105300			

UNDERCUT 3000 CM
DRAINAGE DITCH EXCAVATION: 600 CM

SUMMARY OF EXISTING ASPHALT PAVEMENT REMOVAL

LINE	STATION	STATION	LOCATION LT/RT/CL	M^2
-L-	42+60.000	43+20.000	RT.	382
-Y4- & -Y5-	10+40.366 -Y4-	10+82.560 -Y5-	RT.	818
			TOTAL:	1200
			SAY:	1200

SUMMARY OF BREAKING EXISTING ASPHALT PAVEMENT

LINE	STATION	STATION	LOCATION LT/RT/CL	M^2
-L-	42+80.000	43+30.000	RT.	256
-Y6-	10+00.000	10+50.000		361
-L-	43+40.000	44+18.000	RT.	192
			TOTAL:	809
			SAY:	810

RIGHT OF WAY AREA DATA & PARCEL INDEX

PARCEL No.	PROPERTY OWNERS NAME	SHEET	TOTAL ACREAGE	AREA TAKEN	RIGHT OR LEFT OF -L- CENTER	AREA REMAINING RIGHT	AREA REMAINING LEFT	CONST. EASEMENT	PERMANENT DRAINAGE EASEMENT	TEMPORARY DRAINAGE EASEMENT
1	ELLERBE SPRINGS INN, INC.	4	3.305 ha 7.49 ac		LT	3.305 ha 7.49 ac				
2	WILLIAM & ELIZABETH BRYANT	4	9.372 ha 23.16 ac	597.417 sm 6430.54 sf	RT	9.312 ha 23.01 ac		94.018 sm 1012.00 sf		60.105 sm 646.96 sf
3	HEATH & JACQUELINE CARRIKER	4	1.970 ha 4.86 ac	705.707 sm 7596.16 sf	RT	1.900 ha 4.69 ac		552.745 sm 5949.69 sf		
4	IRENE HAYWOOD	5	3753.612 sm 0.92 ac	488.920 sm 5262.69 sf	LT & RT	3264.692 sm 35140.85 sf				
5	HUBERT COVINGTON	4 & 5	36.523 ha 90.25 ac	2.062 ha 5.09 ac	LT & RT	17.589 ha 43.46 ac	16.872 41.69	81.515 sm 877.42 sf	157.125 sm 1691.28 sf	
6	EDWARD & DELORIS MYRICK	6 & 7	45.075 ha 111.38 ac	2.706 ha 6.69 ac	LT & RT	22.559 ha 55.74 ac	19.810 48.95	129.267 sm 1391.42 sf	2756.310 sm 29668.67 sf	
7	JEAN WEBB	7, 8, 9, & 10	28.722 ha 70.97 ac	3.977 ha 9.82 ac	LT & RT	2.071 ha 5.11 ac	22.674 56.02	692.001 sm 7448.63 sf	194.196 sm 2090.30 sf	
8	GUY L. WEBB, JR.	8	2.398 ha 5.92 ac	121.714 sm 1310.11 sf	RT	2.386 ha 5.89 ac				
9	KATARINA GREEN	10	6.357 ha 15.70 ac	4484.230 sm 48267.85 sf	LT & RT	0.272 ha 0.67 ac	5.637 13.92			
10	LUCY MABE	10 & 11	6.717 ha 16.59 ac	1.328 ha 3.28 ac	LT & RT	1.212 ha 2.99 ac	4.034 9.97		349.010 sm 3756.71 sf	
11	GLENN MABE	11	1.620 ha 4.00 ac	493.627 sm 5313.35 sf	LT	1.571 ha 3.88 ac			80.673 sm 868.35 sf	
12	EDDIE MABE	11	8618.410 sm 2.13 ac	2733.949 sm 29427.98 sf	LT & RT	5310.829 sm 57165.28 sf	573.632 6174.52			
13	JENNIFER MASKE	11	3805.020 sm 0.94 ac	158.936 sm 1710.77 sf	LT					
14	ROGER ALLRED, SR. ET AL	11, 12, 13, & 14	21.838 ha 53.96 ac	1.987 ha 4.91 ac	LT & RT	10.207 ha 25.22 ac	9.642 23.82	168.242 sm 1810.94 sf	578.263 sm 6224.37 sf	
14A	BARBARA HILL	14	7527.183 sm 1.86 ac	278.710 sm 3000.00 sf	LT		7243.902 1.79			
15	RICHARD & RUBY HENDERSON	12, 13, & 15	3.261 ha 8.06 ac	6254.278 sm 67320.48 sf	LT & RT	8559.864 sm 92137.61 sf	1.779 4.39	212.465 sm 2286.95 sf	80.184 sm 863.09 sf	
16	ELLERBE LIONS CLUB	14	6.844 ha 16.91 ac					398.802 sm 4292.66 sf		
17		15						81.776 sm 880.22 sf		
18	KENNETH & DORIS HILL	15	7081.328 sm 76222.78 sf					241.612 sm 2600.68 sf		
19	JAMES FRAZIER	15	7906.059 sm 85100.11 sf					15.106 sm 162.59 sf		

"N" = DISTANCE FROM EDGE OF LANE TO FACE OF GUARDRAIL
TOTAL SHOULDER WIDTH = DISTANCE FROM EDGE OF TRAVEL LANE TO SHOLDER 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	BEGIN STATION	END STATION	LOC.	LENGTH (m) STRAIGHT	LENGTH (m) SHOP CURVED	LENGTH (m) DOUBLE FACED	WARRANT POINT APPR. END	WARRANT POINT TRAIL. END	"N" DIST. FROM E.O.L. (m)	TOTAL SHLDR. WIDTH (m)	FLARE LENGTH (m) APPR. END	FLARE LENGTH (m) TRAIL. END	FLARE WIDTH (m) APPR. END	FLARE WIDTH (m) TRAIL. END	ANCHORS XI MOD	ANCHORS TYPE III	ANCHORS GRAU 350	ANCHORS TERMINAL END SECTION	ANCHORS XII	ANCHORS CAT-1	ANCHORS VI MOD	IMPACT ATTENUATOR EA	IMPACT G	IMPACT TYPE 350 NG	REMOVE EXISTING GUARDRAIL	REMARKS
-L-REV	13+80.500	14+98.610	Lt	118.110			14+00.00	14+40.00	2.4	3.4	15.24	15.24	0.3	0.3			2									
-L-REV	13+60.500	14+78.610	Rt	118.110			14+20.00	14+60.00	2.4	3.4	15.24	15.24	0.3	0.3			2									
-L-REV	17+21.900	17+98.100	Rt	76.200			17+60.00	17+60.00	2.4	3.4	15.24	15.24	0.3	0.3			2									
-L-REV	25+80.500	28+58.630	Lt	278.130			26+20.00	28+20.00	2.4	3.4	15.24	15.24	0.3	0.3			2									
-L-REV	34+20.500	35+38.610	Lt	118.110			34+60.00	35+00.00	2.4	3.4	15.24	15.24	0.3	0.3			2									
-L-REV	34+02.250	35+16.550	Rt	114.300			34+40.00	34+80.00	2.4	3.4	15.24	15.24	0.3	0.3			2									
-L-REV	41+02.250	41+97.500	Lt	95.250			41+40.00	41+60.00	2.4	3.4	15.24	15.24	0.3	0.3			2									
-L-REV	41+02.250	41+97.500	Rt	95.250			41+40.00	41+60.00	2.4	3.4	15.24	15.24	0.3	0.3			2									
Y5			END -Y5-	7.620														2								
				1021.080													16	2								
		GRAU-350	16 x 15.24	-243.840																						
			TOTAL	777.240	SAY	777.240																				

ADDITIONAL GUARDRAIL POSTS SAY 10 EA