

COMPUTED BY: JTG DATE: _____
 CHECKED BY: KFH DATE: _____

PROJECT NO. B-3614 SHEET NO. 3-B

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

SUMMARY OF EARTHWORK

CUBIC YARDS					
STATION	STATION	UNCL. EXCAV.	EMBAND. +%	BORROW	WASTE
SUMMARY NO. 1					
10+80.00	13+97.00	127	757	630	
TOTAL SUMMARY NO. 1					
		127	757	630	
SUMMARY NO. 2					
14+52.00	16+31.62	87	267	180	
TOTAL SUMMARY NO. 2					
		87	267	180	
SUBTOTALS:					
		214	1024	810	
ADJUSTMENT DUE TO:					
Est. Loss Due to Clearing & Grubbing					
Waste to Replace Borrow					
PROJECT TOTALS:					
		214	1024	810	
Est. Loss Due to Clearing & Grubbing					
Waste to Replace Borrow					
PROJECT TOTALS:					
		214	1024	851	
SAY:					
		250		900	

EST UNDERCUT = 90 CU. YD.
 EST DRAINAGE DITCH EXCAVATION = 415 CU. YD.
 EST SELECT GRANULAR MATERIAL = 500 CU. YD.
 -L- PAVEMENT STRUCTURE VOLUME = 155 CU. YD.

PARCEL NO.	PROPERTY OWNERS NAME	TOTAL ACREAGE	AREA TAKEN	AREA REMAINING RIGHT	AREA REMAINING LEFT	CONSTR. EASEMENT	PERM. DRAIN. EASE.	TEMP. DRAIN. EASE.
1	PAUL & RUBY CLARK	2.30 AC.	383 SF		2.29 AC	-	-	-
2	MELINDA N. KOUJALES	7.10 AC.	2184 SF		7.05 AC	-	1615 SF	-
3	ROGER DALE JONES & DANIEL EUGENE JONES ESTATE	2.00 AC.	2614 SF	1.94 AC	-	-	-	-
4	SOUTHERN RR	N/A	-		-	-	-	1833 SF
5	AUDIE S. PRESSLEY ESTATE	1.49 AC.	-		1.49 AC	-	'0.10 AC	-
6	BRENDA S JONES	0.74 AC.	-		0.74 AC	-	925 SF	-
7	NOLAND & TERESA INGLE	4.38 AC.	032 AC	4.06 AC	-	-	-	-
8	CHRISTINA WARREN	0.21 AC.	-	0.21 AC	-	-	288 SF	-

RIGHT OF WAY AREA DATA

SUMMARY OF PAVEMENT REMOVAL & BREAK-UP

SQUARE YARDS							
LINE	STATION	STATION	LOC LT/RT/CL	ASPHALT REMOVAL	ASPHALT BREAK-UP	CONC. REMOVAL	CONC. BREAK-UP
-L-	11+50.00	14+24+/-	LT	509.00			
-L-	14+58+/-	15+70+/-	LT	126.00			
TOTAL:				635.00			
SAY:				650 SY			

NOTE:
 APPROXIMATE QUANTITIES ONLY. UNCLASSIFIED EXCAVATION, BORROW EXCAVATION, FINE GRADING, CLEARING AND GRUBBING, AND REMOVAL OF EXISTING 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 WIDER = 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

LINE	BEG. STA.	END STA.	LOC.	LENGTH			WARRANT POINT		"N" DIST FROM E.O.L.	TOTAL SHLDR WIDTH	FLAIR LENGTH		W		ANCHORS				IMP. ATTEN. TYPE 350			REMOVE EXISTING GRDRAIL	REMARKS
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPR. END	TRAIL. END			APPR. END	TRAIL. END	APPR. END	TRAIL. END	TYPE III	GRAU 350	EA	G	NG				
-L-	12+68.10	13+80.60	RT	112.5			BRIDGE		5'	8'	50		1.0										
-L-	13+16.52	13+91.52	LT	75.0					5'	8'	50		1.0										
-L-	14+62.94	15+37.94	RT	75.0					5'	8'	50		1.0										
-L-	14+68.40	15+55.9	LT	87.5			BRIDGE		5'	8'	50		1.0										
SUB TOTAL				350.0											4	4							
DEDUCT FOR ANCHOR UNITS:																							
TYPE III				4 X 18.75	75.0																		
GRAU-350				4 X 50.00	200.0																		
GRAND TOTAL=				75.0											4	4							

ADDITIONAL GUARDRAIL POST 5 EA.