

COMPUTED BY: JTG DATE: _____
 CHECKED BY: KFH DATE: 12/19/2003

PROJECT NO. B-3616 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					
8+75.00	12+00.00	490	512	22	
TOTAL SUMMARY NO. 1					
		490	512	22	
SUMMARY NO. 2					
12+00.00	14+45.00	288	808	520	
TOTAL SUMMARY NO. 2					
		288	808	520	
SUBTOTALS:					
		778	1320	542	
PROJECT TOTALS:					
		778	1320	542	
Est 5% for Replace Top Soil on Borrow Pit					
				27	
PROJECT TOTALS:					
		778		569	
SAY:					
		800		600	

-L- PAVEMENT STRUCTURE VOLUME = 105 CU. YD.
 EST. DRAINAGE DITCH EXCAVATION = 80 CU. YD.

RIGHT OF WAY AREA DATA

PARCEL NO.	PROPERTY OWNERS NAME	TOTAL ACREAGE	AREA TAKEN	AREA REMAINING RIGHT	AREA REMAINING LEFT	CONSTR. EASEMENT	PERM. DRAIN. EASE.	TEMP. DRAIN. EASE.
1	ROBERT & BARBARA BIESTERFELDT	1.33 AC	0.19 AC	1.14 AC	-	683.03 SF	166.93 SF	2743.43 SF
2	JASON & LA GENA SMITH	0.39 AC	566.44 SF	-	0.38 AC	914.50 SF	-	-
3	ALLISON C. PEREZ	0.83 AC	2455.08 SF	-	0.77 AC	969.69 SF	260.24 SF	-
4	THE CHURCH OF PENTECOST, INC.	2.44 AC	0.16 AC	2.28 AC	-	1352.07 SF	1014.93 SF	-
5	IRENE FITE	1.59 AC	0.30 AC	-	1.29 AC	-	-	-
6	NORFOLK SOUTHERN RAILROAD	N/A	-	-	-	1362.89 SF	-	-

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+10.00	12+50.00	CL	311.00			
				TOTAL:	311.00		
				SAY:	320 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

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

N' = DISTANCE FROM EDGE
 FLARE LENGTH = DISTANCE FROM LAST SECTION OF PARALLEL GUARDRAIL TO END OF GUARDRAIL.

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	GRAU 350				EA	G			NG	
-L-	10+20.00	12+57.50	RT	237.50			RCBC	RCBC	8	15	50	50	1.0	1.0										
L-	11+30.00	14+30.00	LT	300.00			2:1 SLOPE	RCBC	8	11	50	50	1.0	1.0										
				SUB TOTAL	537.50																			
				DEDUCT FOR ANCHOR UNITS:																				
				GRAU-350	4 X 50.00	200.00																		
				GRAND TOTAL=	337.50																			
				SAY:	350.00																			

ADDITIONAL GUARDRAIL POST 5 EA.