PROJECT REFERENCE NO.	SHEET NO.
80047	3B

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

SUMMARY OF EARTHWORK

STATION	STATION	UNCL. EXCAV.	EMBANK. +15%	BORROW	WASTE
–L– 10+00	–L– 44+00	1000	920	0	80
–Y1– 10+00	–Y1– 44+00	5	12	12	5
–Y2– 10+00	–Y2– 44+00	20	60	55	5
SUBTOTALS:		1025	992	67	90
PROJECT TOTALS:		1025	992	67	90
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT				4	
GRAND TOTALS:		1025	992	71	90
SAY:		1030	995	75	95

NOTE:
Approximate quantities only. Unclassified Excavation, Borrow Excavation, Clearing & Grubbing, and Removal & Breakup of existing pavement will be paid at the lump sum price for "Grading."

"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.
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

SURVEY LINE	BEG. STA.	END STA.	LOCATION	LENGTH			WARRANT POINT		"N" DIST. FROM E.O.L.	TOTAL SHOUL. WIDTH	FLARE LENGTH		W		ANCHORS								IMPACT ATTENUATOR TYPE 350			SINGLE FACED GUARDRAIL	REMOVE EXISTING GUARDRAIL	REMOVE AND STOCKPILE EXISTING GUARDRAIL	REMARKS
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	XI MOD	XI	GRAU 350	M–350	XIII	CAT–1	VI MOD	BIC	AT–1	EA	G	NG				
–L–	28+88	33+61	LT	575													2													
–Y2–	10+82	11+87	RT	155													1												152.5'	REMOVE, REPLACE 152.5 LF OF EXISTING GUARDRAIL
			SUB–TOTAL	730													ANCHOR DEDUCTIONS													
		ANCHOR DEDUCTIONS		150													3 GRAU 350 @ 50' = 150'													
			TOTAL	580																										