COMPUTED BY: K. DUNN DATE: APRIL 7, 2004
CHECKED BY: J. JATKO DATE: APRIL 7, 2004

"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

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

METRIC

PROJECT REFERENCE NO.	SHEET NO.
R-2514A	3-F

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 CONCRETE BARRIERS	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	III	CAT-1	VI MOD	BIC		EA	G	NG				
-L MED-	111+10	112+16	RT.	104.775			112+05	112+05	3	4	15.24	15.24	0.3	0.3			2											
-L MED-	111+88	113+05	LT	116.205			112+05	112+05	3	4	15.24		0.3				1			1								
-L MED-	160+32	161+58	RT	123.825			161+30	161+30	3	4	15.24	15.24	0.3	0.3			2											
-L MED-	161+30	162+55	LT	123.825			161+30	161+30	3	4	15.24		0.3				1			1								
-L MED-	181+81.2	182+60.2	RT	78.105			182+66.40	BRIDGE	3	4	15.24		0.3				1		1									
-L MED-	182+00.2	182+60.2	MED. RT	59.055			182+66.40	BRIDGE	3	7	53.34		4.776					1	1									
-L MED-	182+01.8	182+54	MED. LT	51.435			182+66.40	BRIDGE	3	7	11.43		1.22					1	1									
-L MED-	182+30.4	182+54	LT	22.86			182+66.40	BRIDGE	3	4									1	1								
-L MED-	183+14.7	183+93.9	LT	78.105			BRIDGE	183+08.40	3	4	15.24		0.3				1		1									
-L MED-	183+14.7	183+74.3	MED. LT	59.055			BRIDGE	183+08.40	3	7	53.34		4.776					1	1									
-L MED-	183+20.9	183+69.3	MED. RT	47.625			BRIDGE	183+08.40	3	7	15.24		0.3				1		1									
-L MED-	183+20.9	183+75.1	RT	53.34			BRIDGE	183+08.40	3	4		15.24		0.3			1		1									
TOTAL				918.21													10	3	8	3								
	LESS ANCHOR DEDUCTIONS:																											
	GRAU-350 15.240 X 10 =			152.40																								
	M-350 11.430 X 3 =			34.29																								
	TYPE III 5.715 X 8 =			45.72																								
	CAT-1 1.905 X 3 =			5.715																								
TOTAL				238.125																								
TOTAL				680.085																								
SAY				681.99																								
(10 ADDITIONAL GUARDRAIL POSTS)																												

26-JUL-2004 09:57
R:\Projects\Roadway\R-2514A_RDY_SUM_3F.dgn
$(USERNAME)
$(USERPROFILE)\Desktop\CAD\Tofer\R-2514A_RDY_SUM_3F.dgn