STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	R-4468A	3-A	
F. A. PROJECT NO.			
PROJECT ID. NO.	34632.3.1		

"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.

GUARDRAIL SUMMARY

BEG. STA.	END STA.	LOCATION	LENGTH			WARRANT POINT		"N" DIST. FROM EOL	SHOULDER WIDTH	FLARE LENGTH		W		ANCHORS						IMPACT ATTENUATOR TYPE 350			REMARKS
			STRAIGHT (Feet)	SHOP CURVED (Feet)	DBL. FACED (Feet)	APPROACH END	TRAILING END	(Feet)	(Feet)	APPROACH END (ft)	TRAILING END (ft)	APPROACH END (ft)	TRAILING END (ft)	GRAU 350	M-350	CAT-1	XI	XI MOD.	XIII	EACH	G	NG	
536+15	538+65	LT.	250.00	-	-	536+27.5		6	12	50	-	50	-	1	-	1		-	-				
536+15	539+65	LT.	350.00	-	-	537+27.5		12	12	50	-	50		1		1							
574+92	577+67	LT.	275.00			575+29.5		12	12	50		50		1		1							
584+63	587+38	LT.	275.00			585+00.5		12	12	50		50		1		1							
		SUBTOTAL	1412.50											4		4							

LESS ANCHOR DEDUCTIONS		
GRAU-350	4 @ 50 ft	200.00 ft
CAT-1	4 @ 6.25 ft	25.00 ft
SUBTOTAL		- 225.00 ft

PROJECT TOTAL	925.00 ft		
SAY	937.50 ft		
ADDITIONAL GUARDRAIL POSTS	5 EA.		

HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Rd., Suite 200
Raleigh, North Carolina 27609

SUMMARY OF GUARDRAIL

SCALE	NONE
DATE	12-03
DWG. BY	TRT
DESIGN BY	EAR
APPROVED	EAR

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRAFFIC ENGINEERING BRANCH

REVISIONS