3-B

COMPUTED BY: CHL Date: April 21, 2005
CHECKED BY: BBP Date: August 10, 2005

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PROJECT REFERENCE NO.	SHEET NO.
B-4152	3-B

GUARDRAIL SUMMARY

"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.

SURVEY LINE	BEG. STA.	END STA.	LOCATION	LENGTH			WARRANT POINT		"N" DIST. FROM E.O.L.	TOTAL SHOULDER WIDTH	FLARE LENGTH		W		ANCHORS									IMPACT ATTENUATOR TYPE 350			REMOVE EXISTING GUARDRAIL	REMARKS
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	TERM. END SECTION	GRAU 350	CAT-1	III					M-350	EA	G	NG		
L	11+63.75	14+20.00	RT	256.25			14+20.00		3'-3"	11	237.5		4.75			1		1										
L	11+63.75	14+20.00	LT	256.25				13+00.00	3'-3"	11		237.5		4.75		1		1										FILL WARRANT CONTROLS
L	15+20.00	17+38.75	LT	218.75			15+20.00		3'-3"	11	200		4			1		1										SHORTENED FOR DRIVEWAY
L	15+20.00	16+38.75	RT	118.75				15+20.00	3'-3"	11		100		2		1		1										
SUBTOTALS:				850	0	0									0	4	0	4	0	0	0	0	0	0				

LESS ANCHOR DEDUCTIONS:				
GRAU-350	4 @ 50ft	200		
	0 @ 0ft			
TYPE III	4 @ 18.75ft	75		
	0 @ 0ft			
	0 @ 0ft			
	0 @ 0ft			
	0 @ 0ft			
	0 @ 0ft			
ANCHOR TOTALS:		275	0	0
TOTAL		575	0	0
SAY				

ADDITIONAL GUARDRAIL POSTS=5 EA