3-B

2/23/2004 13:38

RDP95

COMPUTED BY: T. COVINGTON Date: December 31, 2003
CHECKED BY: B. C. KEY Date: February 12, 2004

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PROJECT REFERENCE NO.	SHEET NO.
B-4139	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	REMOVE & RESET	GRAU 350	CAT-1	VI	VI MOD	XI	XI MOD	TYPE III	M-350	EA	G	NG		
-L-	13+67	16+67	RT	300			16+67	BRIDGE	4' 5"	11'	231.25		3' 7"			1						1						
-L-	18+69	20+06.50	RT	137.5			BRIDGE	18+69	4' 5"	11'	68.75			1' 4.5"		1						1						
-L-	15+29.50	16+67	LT	137.5			BRIDGE	16+67	4' 5"	11'	68.75			1' 4.5"		1						1						
-L-	18+69	20+69	LT	200			18+69	BRIDGE	4' 5"	11'	131.25		2' 7.5"			1						1						LENGTH REDUCED DUE TO SR 1790 INTERSECTION
-DET-	14+40.98	17+06	RT																								268.75	GUARDRAIL PLACED DURING DETOUR CONST. (BY OTHERS)
-DET-	18+61.00	19+51.97	RT																								93.75	GUARDRAIL PLACED DURING DETOUR CONST. (BY OTHERS)
-DET-	16+03.03	17+06	LT																								106.25	GUARDRAIL PLACED DURING DETOUR CONST. (BY OTHERS)
-DET-	18+61.00	20+76.79	LT																								218.75	GUARDRAIL PLACED DURING DETOUR CONST. (BY OTHERS)
SUBTOTALS:				775	0	0										4	0	0	0	0	0	4	0	0			687.5	
	LESS ANCHOR DEDUCTIONS:																											
	GRAU-350	4 @ 50ft		200																								
	CAT-1	0 @ 6.25ft																										
	TYPE VI	0 @ 25ft																										
	TYPE VI Mod.	0 @ 25ft																										
	TYPE XI	0 @ 25ft																										
	TYPE XI MOD.	0 @ 25ft																										
	TYPE III	4 @18.75		75																								
	M-350	0 @ 37.5ft																										
	ANCHOR TOTALS:			275	0	0																						
GRAND TOTALS:				500	0	0										4						4					687.5	
SAY:				500												4						4					687.5	

ADDITIONAL GUARDRAIL POSTS = 5 EA.