3-B

7/20/04 7:24

RDP95

COMPUTED BY: J. Evans Date: May 19, 2004
CHECKED BY: B.C. Key Date: June 6, 2004

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PROJECT REFERENCE NO.	SHEET NO.
B-3879	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		DIST. FROM CENTERLINE	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	GRAU 350	III	AT-1						EA	G	NG		
-L-	20+60.31	21+47.81	LT	87.5			Bridge	21+47.81	22.4167	12.8		18.75		4.5"	1	1											
-L-	19+43.03	21+55.53	RT	212.5			19+43.03	Bridge	22.4167	12.8	143.75		2' 10.5"		1	1											
-L-	23+66.47	24+56.47	LT	71.25	75		23+66.47	Bridge	22.4167	8	31.25		7.5"			1	1										
-L-	23+74.19	24+61.69	RT	87.5			Bridge	24+61.69	22.4167	8		18.75		4.5"	1	1											
SUBTOTALS:				458.75	75	0									3	4	1										
	LESS ANCHOR DEDUCTIONS:																										
	GRAU-350	3 @ 50ft		150																							
	III	4 @ 18.75ft		75																							
	AT-1	1 @ 6.25ft		6.25																							
	ANCHOR TOTALS:			231.25	0																						
GRAND TOTALS:				227.5	75																						
SAY:				250	75										3	4	1										

ADDITIONAL GUARDRAIL POSTS = 5 EACH

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TEMPORARY 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	GRAU 350	III							EA	G	NG		
-DET-	15+92.25	16+61.00	LT	68.75			Bridge	16+61.00	2.00	8		0		0	1	1											
-DET-	14+79.49	16+60.74	RT	181.25			16+60.74	Bridge	2.00	8	112.5		2'3"		1	1											
-DET-	18+46.02	19+52.27	LT	106.25			18+46.02	Bridge	2.00	8	37.5		9"		1	1											
-DET-	18+45.74	19+14.49	RT	68.75			Bridge	18+45.74	2.00	8		0		0	1	1											
SUBTOTALS:				425											4	4											
	LESS ANCHOR DEDUCTIONS:																										
	GRAU-350	4 @ 50ft		200																							
	III	4 @ 18.75ft		75																							
	ANCHOR TOTALS:			275																							
GRAND TOTALS:				150																							
SAY:				150											4	4											