99	COMPUTED	BY:	PJJ	DATE:	8/26/04
\	CHECKED		נת	DATE:	9/30/04

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PROJECT REFERENCE NO.SHEET NO.B-38083-C

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA

"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.<math>G = GATING IMPACT ATTENUATOR TYPE 350

GUARDRAIL SUMMARY

SURVEY	BEG. STA.	END STA.	LOCATION		LENGTH		WARRANT POINT		"N" DIST.	TOTAL	FLARE LENGTH		w		ANCHORS					IMPACT ATTENUATOR TYPE 350		
LINE				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END	FROM E.O.L.	SHOUL. WIDTH	APPROACH END	TRAILING END	APPROACH END	TRAILING END	GRAU 350	101	B-77			TYPE 350 EA G NG		REMARKS
-L-	15+94.04	16+69.04	LT	75.0				BRIDGE	4'	7′					1	1						
-L-	15+48.86	16+86.36	RT	137.5				BRIDGE	4'	7′					1	1						
-L-	19+50.00	20+25.00	LT	75.0			BARRIER		4'	7′					1		1					B-77 (SEE DETAIL SHEET 2-P)
L	17+57.63	18+32.63	RT	75.0			BRIDGE		4′	7'					1	1						
	·	LESS ANCHO	r deductions																			
		GRAU-350 4 @ 50' =		- 200.0																		
		TYPE III 3 @ 18.7	'5' =	- 56.25																		
		TYPE B-77 1 @ 18.	75' =	- 18.75																		
		TOTAL		87.5											1	3	1					

(5 ADDITIONAL GUARDRAIL POSTS)

"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 3

TEMPORARY GUARDRAIL SUMMARY

URVEY	BEG. STA.			LENGTH			WARRANT POINT		"N" DIST.	TOTAL			w		ANCHORS				IMP. ATTENI TYPE	ACT JATOR	SINGLE	REMOVE	REMOVE AND		
1E		END STA.	LOCATION	STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END	FROM E.O.L.	SHOUL. WIDTH	APPROACE END	TRAILING END	APPROACH END	TRAILING END	GRAU 350	GRAU BIC 350			AT		ATTENUATOR SINGLE FACED GUARDRAIL EA G NG	FACED GUARDRAIL	EXISTING GUARDRAIL	AND STOCKPILE EXISTING GUARDRAIL	REMARKS
ET-	16+85.50	19+10.50	LT	225.0			·		4'	6'					2										
DET-	17+55.00	19+55.00	RT	200.0					4'	6′					1	1								·	BURY IN CUT (SEE DETAIL SHEETS 2-J & 2-K)
										,													-		
		LESS ANCHO	R DEDUCTIONS															·	·						
		GRAU-350 3 @	50' =	- 150.0																					·
		BIC 1 @ 1:	2.5' =	- 12.5																					
		TOTAL		262.5											3	1									
ľ								***************************************																	