COMPUTED	BY:	PJJ	DATE:_	10/19/04	ı
CHECKED	BY:	LTL	DATE:_	11/24/04	

## STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

PO BOLLKEY
ENGINEER & CONSULTANTS
PO BOX 33127
RALEIGH, N.C. 27636
(919) 851-1912
(919) 851-1918 (FAX)

PROJECT REFERENCE NO. SHEET NO. B-3663 3-C

"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

GUARDRAIL SUMMARY

SURVEY LINE BEG. S			LOCATION	LENGTH			WARRANT POINT		"N" DIST.	TOTAL	•		w		ANCHORS				IMP/ ATTENU	IMPACT ATTENUATOR TYPE 350		
	BEG. STA.	END STA.		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	TYPE III	TYPE III SC	AT-I		EA C	I	REMARKS
L-	13+25.85	14+00.85	LT	75			13+25.85		4'	7′					1	1						
-L-	13+11.75	13 + 86.75	RT	75				13+11.75	4′	7′					1	1						·
-L-	12+80.92		LT					12 + 80.92									1	1				TYPE III SHOP CURVED (SEE DETAIL SHEET 2-J)
_L_	12+66.72		RT				12+66.72										1	1				TYPE III SHOP CURVED (SEE DETAIL SHEET 2-J)
		LESS ANCHO	R DEDUCTIONS																			
		G	RAU-350 2 @ 50' =	- 100.00																		
		ת	(PE-III 2 @ 18.75' =	- 37.50																		
			TOTAL	12.5											2	2	2	2				

(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 350

## TEMPORARY GUARDRAIL SUMMARY

SURVEY LINE BEG. STA.		LOCATION	LENGTH			WARRANT POINT		"N" DIST.	TOTAL	FLARE LENGTH		w		ANCHORS					IMPACT ATTENUATOR TYPE 350				
	END STA.		STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END	FROM E.O.L. SHOUL.	APPROACH TRAILING END END		APPROACH END	TRAILING END	GRAU 350	TYPE III A	<u>-</u> 1			EA G			REMARKS		
-L-	13+05	14+30	LT	125			13+16		4'	6′					2				,				
-L-	12 + 85	13+85	RT	100	12.50			12 + 96	4'	6'					1		1						
		LESS ANCHO	OR DEDUCTIONS																				
		G	RAU-350 3 @ 50' =	- 150.00																			
		AT-1 1 @ 6.25' =		- 6.25																			
			TOTAL	68.75	12.50		·								3		1 .						
			SAY	75	12.50											***************************************							