

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

## 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 SHOUL. 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	TYPE III SC	TYPE III	GRAU-350	CAT-1	AT-1	EA	G	NG				
-L-	15+38.48	16+22.89	RT	87.50'				16+22.89	3.00'	6.00'	50.00'		1.00'		1		1									
-L-	17+71.77	18+04	LT	31.25'	31.25'			17+71.77	3.00'	6.00'				1						1						
-L-	17+57.91	18+68.13	RT	112.50'				17+57.91	3.00'	6.00'		93.75'		1.875'		1	1									
			SUB-TOTAL	231.25'	31.25'										2	1	2			1						
			GRAU-350 - 2 @ 50.00' EA.	-100.00'																						
			TYPE III - 1 @ 18.75' EA.	-18.75'																						
			TYPE III SC - 2 @ 18.75' EA.	-37.50'																						
			TYPE AT-1 - 1 @ 6.25' EA.	-6.25'																						
			TOTAL	75.00'	25.00'										2	1	2			1						
			SAY	75.00'	25.00'										2	1	2			1						

ADDITIONAL GUARDRAIL POST = 5 EA.

## 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 SHOUL. WIDTH	FLARE LENGTH		W		ANCHORS				TEMPORARY 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	TYPE III	GRAU-350	CAT-1	AT-1	GRAU-350	CAT-1	TYPE III	XI MOD	EA	G	NG		
DETOUR	14+74.33	17+49.93	RT	137.50'					2.00'	4.00'											2						
DETOUR	16+10.00	17+49.93	RT	275.00'					2.00'	4.00'											2						
			SUB-TOTAL	412.50'																							
			GRAU-350 - 4 @ 50.00' EA.	-200.00'																							
			TOTAL	212.50'																		4					
			SAY	250.00'																		4					