



STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS

"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

GUARDRAIL SUMMARY

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			TERMINAL SECTIONS	REMOVE EXISTING GUARDRAIL	REMOVE AND STOCKPILE EXISTING GUARDRAIL	REMARKS
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	GRAU 350	TYPE III	EA	G	NG				
-L-	15+42.63	16+23.88	LT	81.25				16+23.88	2'-5"	9'		50		1	1	1							
-L-	15+42.63	16+23.88	RT	81.25				16+23.88	4'-1"	9'	50		1		1	1							
-L-	16+96.13	17+77.38	LT	81.25				16+96.13	2'-5"	9'		50		1		1							
-L-	16+96.13	17+77.38	RT	81.25				16+96.13	4'-1"	9'	50		1		1	1							
			SUBTOTAL	325.00																			
LESS ANCHOR DEDUCTIONS																							
	GRAU 350	4 @ 50'	=	200.00																			
	TYPE III	4 @ 18.75'	=	75.00																			
			TOTAL	50.00												4	4						
			SAY	50																			
-LDET-	13+18.75	14+00.00	LT	81.25				14+00.00	2'	8'		50		1	1	1							TEMPORARY GUARDRAIL
-LDET-	13+18.75	14+00.00	RT	81.25				14+00.00	2'	8'	50		1		1	1							TEMPORARY GUARDRAIL
-LDET-	14+90.00	15+71.25	LT	81.25				14+90.00	2'	8'		50		1	1	1							TEMPORARY GUARDRAIL
-LDET-	14+90.00	15+71.25	RT	81.25				14+90.00	2'	8'	50		1		1	1							TEMPORARY GUARDRAIL
			SUBTOTAL	325.00																			
LESS ANCHOR DEDUCTIONS																							
	TEMP GRAU 350	4 @ 50'	=	200.00																			
	TEMP TYPE III	4 @ 18.75'	=	75.00																			
			TOTAL	50.00												4	4						
			SAY	50																			

ADDITIONAL GUARDRAIL POSTS = 5 EA

LINE	STATION TO STATION	LOCATION	LENGTH (LF)
-L-	15+93 TO 16+13	RT	20
-LDET-	13+78 TO 14+00	LT	22
	TOTAL		42
	SAY		45

LINE	STATION TO STATION	LOCATION	SQ. YDS.
-L-	15+81 TO 16+13	LT	3
-L-	16+13 TO 16+36	LTRT	69
-L-	16+84 TO 17+07	LTRT	63
TEMP PAVEMENT			
-LDET-	10+15 TO 14+00	LTRT	702
-LDET-	14+90 TO 19+12	LTRT	825
	TOTAL		1,662
	SAY		1,700

NOTE: APPROXIMATE QUANTITIES ONLY. CLEARING AND GRUBBING, UNCLASSIFIED EXCAVATION, BORROW EXCAVATION, FINE GRADING, AND REMOVAL OF EXISTING ASPHALT PAVEMENT WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR "GRADING."

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