

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 TL-3
 NG = NON-GATING IMPACT ATTENUATOR TYPE TL-3

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 TL-3			TERMINAL SECTIONS	REMOVE EXISTING GUARDRAIL	REMOVE AND RESET EXISTING GUARDRAIL	REMARKS	
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	CAT-1	B-77	GREU TL-2	GREU TL-3	EA	G	NG					
-L-	13+25	22+50	RT	925'			14+50	22+50	2'-12'	15'	50'		1'		1									200'		
-L-	19+62.25	21+12.25	MED(RT)	150'			21+07		6'	9'					1											
-L-	19+00	20+25	MED(LT)				21+07	19+00	6'	9'	50'													125'		
-L-	20+25	22+75	MED(LT)	250'			21+07		6'	9'	50'		1'													
-L-	30+15	32+65	MED(LT)	250'			30+15		6'	9'	50'		1'													
-L-	30+35	33+35	LT	300'			30+40		5'	8'	50'		1'													
-L-	40+80	45+05	LT	425'			45+05	41+00	12'	15'					1	1								425'		
-L-	42+05	45+55	RT	350'			43+30	45+55	12'	15'	50'		1'			1								350'		
-L-	42+90	45+40	MED(RT)	250'			45+40		VAR	VAR	227.12'		12.8'			1								162.5'		
-L-	43+07.50	45+20	MED(LT)	212.5'			45+20		6.5'	9.5'		50'	1'			1								175'		
-LRPA-	15+95	24+45	RT	850'			15+95	24+45	12'	15'					1									850'		
-LRPA-	21+75	23+00	LT	125'			23+00	23+00	8'	12'	50'		1'			1										
-LLPA-	17+05	17+80	RT	75'			17+35	17+05	4'	7'					1		1									
-LLPA-	20+48	21+48	RT	100'			20+48		4'	7'	50'		1'			1										
-LRPA-	18+05	21+05	LT	300'			20+05	18+05	12'	15'	50'		1'											300'		
			SUBTOTAL	4562.5'											6	7	1	9						2462.5'		
			LESS ANCHOR DEDUCTIONS																							
			CAT-1 6 @ 6.25'	=																						
			B-77 7 @ 22.875'	=																						
			GREU TL-2 1 @ 25'	=																						
			GREU TL-3 9 @ 50'	=																						
			PROJ. TOTAL	3890'																						
			SAY	3900'																						
			ADDITIONAL GUARDRAIL POSTS SAY 5 EA																							

SHOULDER BERM GUTTER			
LINE	STATION TO STATION	LOCATION	LF
-L-	15+80.00 TO 22+39.81	RT	661.2
-L-	40+82.60 TO 44+97.09	LT	414.6
-LRPA-	15+95.00 TO 19+08.00	RT	310.0
TOTAL			1385.8
SAY			1390

VARIABLE HEIGHT CONCRETE BARRIER, TYPE T2			
LINE	STATION TO STATION	LOCATION	LF
-LRPA-	23+00.00 TO 23+35.00	LT	35.0
-LRPA- / -LLPA-	24+00.00 TO 20+48.00	LT/RT	230.0
TOTAL			265

PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED			
LINE	STATION TO STATION	LOCATION	LF
-L-	28+52.00 TO 30+15.00	MED(LT)	163.0
TOTAL			163.0
SAY			165

MODIFIED DOUBLE FACED CONCRETE BARRIER, TYPE T2			
LINE	STATION TO STATION	LOCATION	LF
-LRPA-	23+35.00 TO 24+00.00	LT	65.0
TOTAL			65

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