COMPUTED BY: BW DATE: 05/04
CHECKED BY: LC DATE: 05/04

"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
TES = TERMINAL END SECTION

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

GUARDRAIL SUMMARY

METRIC

PROJECT REFERENCE NO.	SHEET NO.
U-2717	3-N

SURVEY LINE	BEG. STA.	END STA.	LOCATION	LENGTH STRAIGHT	LENGTH SHOP CURVED	LENGTH DOUBLE FACED	WARRANT POINT APPROACH END	WARRANT POINT TRAILING END	"N" DIST. FROM E.O.L.	TOTAL SHOUL. WIDTH	FLARE LENGTH APPROACH END	FLARE LENGTH TRAILING END	W APPROACH END	W TRAILING END	ANCHORS GRAU 350	ANCHORS CAT-1	ANCHORS AT-1	ANCHORS TYPE III	ANCHORS B-77	IMPACT ATTENUATOR TYPE 350 EA	IMPACT ATTENUATOR TYPE 350 G	IMPACT ATTENUATOR TYPE 350 NG	SINGLE FACE CONCRETE BARRIER	TES		REMARKS
-L-	12+77.000	15+32.27	LT	255.270			15+20	12+80	0.6	3	15.240	1.905	0.9	0.6	1	1										
-L-	11+40.000	12+42.870	RT	102.870			11+40	12+40	0.6	3	15.240	1.905	0.9	0.6	1	1										
-L-	16+71.000	17+39.58	LT	68.580			16+74	17+27	0.6	3	15.240	1.905	0.9	0.6	1	1										
-RPD- TO -Y22-	-RPD- 11+90.000	-Y22- 19+25.380	RT	228.600			11+80	19+20	3.6	4.6	15.240	1.905	4.9	4.6	1	1										
-DR-	10+04.545	11+03.863	RT	83.820	22.860		10+04.545	11+00	0.6	1.6	1.905	15.240	0.6	0.9	1		1									
-DR-	10+05.638	10+83.917	LT	57.150	22.860		10+80	10+05.638	0.6	1.6	15.240	1.905	0.9	0.6	1		1									
-L-	39+73.517	40+23.047	LT	49.530				39+60	3.6	4.6			3.3			1		1								
-L-	41+04.484	41+65.444	LT	60.960			41+60		3.6	4.6	15.240			3	1			1								
-L-	39+72.350	40+10.450	RT	38.100			39+60		0.6	1.6	15.240		0.9		1			1								
-Y22-	15+31.524	15+65.635	MEDIAN																	2		X	70			IMPACT ATTENUATOR USED FOR PIER PROTECTION
-Y22- SBL	15+04.953	15+31.623	MEDIAN	26.670						1.2									1							
-Y22- SBL	15+66.330	15+93.000	MEDIAN	26.670						1.2									1							
-Y22- NBL	15+04.953	15+31.623	MEDIAN	26.670						1.2									1							
-Y22- NBL	15+66.330	15+93.000	MEDIAN	22.860						1.2									1							
-Y22-	10+70.000			19.050																				2		
			TOTAL	1066.800																						
	ANCHOR	DEDUCTION																								
		GRAU 350 8 @	15.24	-121.92																						
		AT I 2 @	1.905		- 3.81																					
		CAT I 5 @	1.905	- 9.525																						
		TYPE III 3 @	5.715	-17.145																						
		B-77 4 @	5.715	-22.86																						
	IMPACT ATTENUATOR 350 2 @		6.40	-12.80																						
															8	5	2	3	4	2			70	2		
			TOTAL	882.550	45.899																					
			SAY	899.16	53.34																					
		(ADDITIONAL	GUARDRAIL	POSTS (5 EA)																						

SUMMARY OF PAVEMENT REMOVAL & BREAKUP

LINE	STATION TO STATION	LOCATION	REMOVAL (SM)	BREAKUP (SM)
-Y22-	10+59 TO 10+75	LT	307	
-Y22-	12+21 TO 13+31	RT	56	
-Y22-	16+33 TO 17+56	LT	375	
-Y23-	10+50 TO 12+31	RT	1346	
-RPB-	11+75 TO 12+91	LT	701	
-RPC-	12+52 TO 12+96	RT	902	
-RPD-	11+62 TO 12+49	LT	282	
-L-	28+00 TO 29+60	CL		1107
-L-	37+20 TO 38+20	CL		733
-L-	39+00 TO 40+17.184	CL		889
-L-	39+15 TO0 39+25	LT		37
-L-	39+27 TO 39+58	RT		180
-L-	40+98.584 TO 41+67.423	CL		333
-RPA-	15+17 TO 15+47	RT		139
-RPA-	14+56 TO 15+05	LT		179
-Y22-	10+50 TO 10+81	LT		147
-Y22-	14+40 TO 14+64	RT		69
-Y22-	17+10 TO 17+62	RT		108
-RPB-	11+21 TO 11+55	RT		126
-RPB-	11+58 TO 11+83	LT		100
-RPC-	10+48 TO 10+63	RT		59
-RPC-	13+94 TO 14+10	RT		101
-RPD-	12+00 TO 13+07	RT		402
-Y5-	10+20 TOP 10+34	LT	52	
		TOTAL	4021	4709
		SAY	4050	4750

SUMMARY OF CHAIN LINK FENCE

STATION TO STATION	LOC.	FABRIC (METERS)	END BRACE	CORNER BRACE	LINE BRACE	LINE POST	TERMINAL POST
-L- 11+40 TO -Y3- 10+22.5	RT.	116	2	1	4	47	7
-L- 16+74 TO 17+27	LT.	53	2	0	2	15	4
-DR- 10+76 TO -L- 42+63.33	LT. / RT.	595	2	7	5	160	14
-L- 42+66.393 TO -RPD- 11+02	LT. / LT.	281	2	7	0	78	9
-L- 38+68 TO -Y22- 20+93	LT.	639	2	9	2	174	13
-Y22- 10+63 TO 10+94	LT.	31	1	0	2	9	3
-Y22- 12+24 TO -DR2- 10+56.557	LT.	354	2	6	12	100	20
-RPD- 10+95 TO -Y22- 19+48	LT. / RT.	173	2	5	0	48	7
TOTAL =		2242				631	77
SAY		2300				640	80

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