COMPUTED BY: CJT DATE: 9-17-2014
CHECKED BY: DJC DATE: 5-1-2015

PROJECT REFERENCE NO.	SHEET NO.
R-2915B	3B-1

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

GUARDRAIL SUMMARY

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		SINGLE FACED CONCRETE BARRIER	REMOVE EXISTING GUARDRAIL	REMOVE & STOCKPILE EXISTING GUARDRAIL	REMARKS
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	TERM. SECTS.	XI	GRAU 350	M-350	AT-1	CAT-1	VI MOD	B-83	B-77	G	NG				
-L-	158+76.00	160+51.00	RT	175.00			158+76.28		8	8	50		1				1			1									
-L-	158+31.70	159+94.20	LT	162.50				158+31.70	8	8	50		1				1												INTERRUPTED FOR GUARDRAIL
-L-	160+25.00	163+75.00	LT	350.00			162+50.00		8	8	50		1				1			1									INTERRUPTED FOR GUARDRAIL
-L-	170+41.00	182+91.00	LT	1250.00				170+45.70	8	8	50		1				1			1									
-L-	183+60.00	197+60.00	LT	1387.5	125.00		197+95.10		8	8			1							1			1						
-L-	189+51.37	198+91.29	LT																								954.52		
-L-	196+27.25	202+78.04	LT																								644.23		
-L-	196+51.84	198+01.84	MED. LT	150.00				198+01.84	2	2		50		1			1						1						
-L-	196+29.20	198+04.20	MED. RT	175.00			198+04.20		2	2	50		1				1						1						
-L-	195+55.25	197+92.75	RT	237.50			196+97.00	198+08.61	8	8	50		1				1						1						
-L-	199+19.00	199+96.00	LT	75.00	87.50		199+16.35		8	8									1				1						
-L-	199+14.5	200+89.50	MED. LT	175.00			199+23.81		2	2	50		1				1						1						
-L-	199+18.00	200+68.00	MED. RT	150.00				199+28.17	2	2		50		1			1						1						
-L-	199+39.50	200+42.61	RT	93.75			199+39.51		2	2										1			1						
-L-	215+56.75	219+38.00	LT	381.25			218+10.00	215+59.94	8	8	50		1				1			1									
-L-	216+20.00	219+20.00	RT	300.00			217+45.55		8	8	50	100	1	2			1			1			1						
-L-	221+63.00	227+39.50	RT	587.50			221+63.00		8	8	100		2										1						INTERRUPTED FOR DRIVE
-L-	227+74.14	233+31.55	LT																								577.26		
-L-	227+78.75	233+28.75	RT	550.00				233+09.99	8	8	50		1				1						1						INTERRUPTED FOR DRIVE
-L-	231+69.38	233+44.38	MED. RT	175.00			233+44.38		2	2	50		1				1						1						
-L-	232+90.62	233+65.62	MED. LT	175.00				233+65.62	2	2		50		1			1					1							
-L-	234+66.20	238+95.27	LT																								429.91		
-L-	234+97.69	239+00.69	LT																								403.49		
-L-	235+23.80	241+48.80	LT	662.50			241+52.83	235+23.80	8	8												1	1						
-L-	234+69.04	236+69.04	MED. LT	206.25				234+94.04	2	2	50		1				1					1							
-L-	234+76.48	236+70.23	MED. RT	193.75			234+81.84		2	2		50		1			1						1						
-L-	234+42.50	238+30.00	RT	387.50			234+47.45		8	8										1			1						
-L-	238+70.00	241+20.00	RT	250.00				241+29.80	8	8							1						1						
-L-	239+79.28	241+41.78	MED LT	175.00				241+48.69	2	2		50		1			1						1						
-L-	239+41.25	241+35.00	MED RT	193.75			241+41.91		2	2	50		1				1						1						
-L-	244+11.95	252+18.20	LT	793.75	125.00		251+62.54	243+88.01	8	8	50		1				1						1						
-L-	243+93.06	245+80.56	MED LT	187.50				243+75.90	2	2													1		1				
-L-	243+69.12	245+56.62	MED RT	187.50			243+69.12		2	2													1						
-L-	243+80.94	251+18.44	RT	737.5			243+57.01	251+20.00	8	8										1			1						
-DR3-	19+12.63	19+18.74	LT	12.5											2														GUARDRAIL FOR TRUCK TURNAROUND AT END OF -DR3-
			SUBTOTAL	10537.50	337.50										2		20		1	9		3	22		1		3009.41		
		ANCHOR UNIT DEDUCTION																											
		GRAU350: 20 @ 50.00 = 1000.00																											
		CAT-1: 9 @ 6.25 = 56.25																											
		AT-1: 1 @ 6.25 = 6.25																											
		TYPE B-77: 22 @ 18.75 = 412.50																											
		TYPE B-83: 3 @ 25.00 = 75.00																											
			TOTAL	8987.50	337.50										2		20		1	9		3	22		1		3009.41		
			SAY	8987.50	337.50																						3010.00		
		ADDITIONAL GUARDRAIL POSTS = 25																											
TEMPORARY GUARDRAIL																													
																	2												TEMPORARY GUARDRAIL FOR TRAFFIC CONTROL
-L-	159+00+/-	164+00+/-	LT	500.00													2												TEMPORARY GUARDRAIL FOR TRAFFIC CONTROL
-L-	215+00+/-	219+50+/-	LT	450.00																									
																	4												TEMPORARY GUARDRAIL ANCHOR UNIT TYPE GRAU350
			SUBTOTAL	950.00																									
		ANCHOR UNIT DEDUTION																											
		TEMP GRAU350: 4 @ 50.00 = 200.00																											
			TOTAL	750.00													4												
			SAY	750.00																									

5/28/99

6/26/2015 8:00:17 AM
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USER: TH | MANE-1