COMPUTED BY: BAM DATE: 8/27/18
CHECKED BY: REO DATE: 4/10/19

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

PROJECT REFERENCE NO.	SHEET NO.
R-2566BA	3B-2

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

G = GATING IMPACT ATTENUATOR TYPE 350
NG = NON-GATING IMPACT ATTENUATOR TYPE 350

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	Type III	Type III SC	GREU TL-3	B-77 SC	CAT-1	AT-1	Type B-77			G	NG				
L	158+96.20	162+62.38	RT	366.18			162+62.38		8	11	50		1		1		1									129		
L / Y4	165+44.72	11+08.38	RT	48.00	58.94			165+44.72	8	11					1					1						20		
L / Y5	163+32.97	20+71.31	LT		60.92		165+44.72		8	11						1				1								SEE SHT. 2C-1 FOR TYPE III-SHOP CURVED STRUCTURE ANCHOR UNIT
Y5	18+59.84	19+35.15	RT	75.00			19+35.15		4	7	50		1				1				1					133		
L	165+89.00	174+64.36	LT	875.36			174+64.36	165+89.00	8	11					1											752		TIE TO EXISTING GUARDRAIL
Y5REV RT	21+20.00	21+73.00	RT	67.50	29.50			21+20.00	4	7									1		1							
Project SubTotal				1432.04	149.36										3	1	2	0	1	2	2					1034		
Less Anchor Deductions				-220.75	-18.75																							
Project Total				1211.29	130.61								GUARDRAIL ANCHOR DEDUCTIONS															
															Type III=3@18.75			56.25									
															GREU TL-3=2@50'			100.00									
SAY				1225.00	137.50										CAT-1 = 1@6.25'			6.25									
																	Total	162.50									
															Type III SC=1@18.75			18.75									
															Type B-77=2@22.875'			45.75									
															AT-1 = 2 @6.25'			12.50									
																	Total	77.00									
Additional Guardrail Posts = 10 each																												