NC10481

COMPUTED BY:	ADS	DATE:	10/6/15
CHECKED BY:	DCW	DATE:	10/6/15

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

PROJECT REFERENCE NO.	SHEET NO.
R-2409C	3B-1

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	8' POSTS (EA)	REMARKS
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	XI MOD	XI	GRAU 350	M-350	AT-1	CAT-1	VI MOD	TES	B-77	G	NG				
L	10+16.82	16+54.32	RT	637.50			10+50.00	16+54.32	6	9		50		1			1										898	122	8' GUARDRAIL POSTS ON 3'-1 1/2" SPACING FROM -L- STA. 11+10 TO 12+75 AND 13+25 TO 15+40 DUE TO WALLS #1 AND #2
L	26+50.00	29+00.00	RT	250.00			27+50.00	29+00.00	6	9	50	50	1	1			2										1059		
L	31+60.00	32+70.00	LT	100.00	22.15		32+70.00	31+60.00	6	9		50		1			1		1										
L	40+37.50	55+37.00	RT	1462.50	67.52		41+37.50	55+37.00	6	9	50		1				1		1										
L	41+00.00	47+00.00	LT	600.00			46+00.00	41+00.00	6	9	50	50	1	1			2												
L	59+12.50	66+09.00	RT	687.50	30.81		60+12.50	66+09.00	6	9	50		1				1		1										
L	59+50.00	65+75.00	LT	625.00			64+75.00	59+50.00	6	9	50	50	1	1			2												
L	66+36.00	75+67.50	RT	912.5	32.9		67+36.00	75+67.50	6	9		50		1			1		1										
L	67+00.00	69+75.00	LT	275.00			69+75.00	67+00.00	14	17	50	50	1	1			2						2			82			
L	73+00.00	74+87.50	LT	187.50			74+87.50	73+00.00	6	9	50	50	1	1			2												
TOTALS				5737.50	153.38												15		4				2			82	1957	122	
DEDUCTIONS FOR ANCHOR UNITS																													
	GRAU 350	15	50	-750																									
	AT-1	4	6.25		-25																								
	B-77	2	18.75	-37.5																									
GRAND TOTAL				4950.00	128.38												**15**		**4**				**2**			**82**	**1957**	**122**	
		SAY		**5000.00**	**137.50**		**5 EACH ADDITIONAL GUARDRAIL POSTS**																						
DETOUR 1	10+62.50	17+00.00	RT	637.5			1162.5	17+00.00	4	7	50	50	1	3			2												TEMPORARY
DETOUR 2	12+00.00	16+00.00	RT	400.00			1300.00	16+00.00	4	7	50	50	1	1			2												TEMPORARY
DETOUR 2	12+50.00	16+00.00	LT	350.00			1500.00	12+50.00	4	7	50	50	1	1			2												TEMPORARY
GRAND TOTAL				1387.5													6												
		SAY		**1400.00**													**6**												