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DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

PROJECT REFERENCE NO.	SHEET NO.
R-4705	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 (L.F.)			WARRANT POINT		"N" DIST. FROM E.O.L.	TOTAL SHOUL WIDTH	FLARE LENGTH		W		ANCHORS									IMPACT ATTENUATOR		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	B-77	GREU, TL-3	GREU, TL-2	CAT-1	AT-1	Type III SC	B-77 SC		G	NG				
L	50+55.00	55+25.00	RT	470			53+63.00	53+78.00	8	11	50	50	1	1			2												25' CLEAR SPAN, SEE DETAIL SHT. 2C-4
L	52+15.00	56+85.00	LT	470			53+78.00	53+63.00	8	11	50	50	1	1			2												25' CLEAR SPAN, SEE DETAIL SHT. 2C-4
L	354+95.00	357+20.00	LT	225			356+50.00		8	11	50		1				1		1										
L	452+00.00	RPD 14+15	RT	355	84.75		452+00.00		8	10	50		1				1										460		TIE TO EXIST. GR
L	452+10.00	459+70.47	LT	760.47			452+60.00	459+70.47	8	10		205		2.14	1				1								779		
LPD	12+57.60	L 459+76.09	RT	262.26	81.76		459+76.09		8	10	243.51		3.64		1												333		TIE TO EXIST. GR
L	461+94.34	Y23 12+00.00	LT	648.4	142.16		470+00.00	461+94.34	8	11		205		4.17	1			1		0							903		
L	461+98.77	LPA 13+25.00	RT	303.61	105.87			464+50.00	8	11		170		16.85	1				1								411		
RPA	12+25.00	Y24 12+25.00	RT	466.38	198.63		467+00.00	470+50.00	8	11	96		0.25					1		0							631		TIE TO EXIST. GR
Y24	12+80.00	L 473+15.00	RT	154.2	55.82			472+65.00	8	11	25		1					1	1								215		
Y23	11+00.00	L 476+00.00	LT	448.53	94.62			475+50.00	8	11		50		1			1	1		0							413		
PROJECT SUBTOTAL				4563.85	763.61										4	0	7	4	4	0							4145		
LESS ANCHOR DEDUCTIONS				-600	0																								
														ANCHOR DEDUCTIONS															
	PROJECT TOTAL			3963.85	763.61											TYPE III		4@18.75		75.00							4145		
																GREU TL-3		7@50		350.00									
																GREU TL-2		4@25		100.00									
																CAT-1		4@6.25		25.00									
															25' CLEAR SPAN			2@25		50.00									
	SAY			4300'	800'											TOTAL DEDUCTION				600							4200		
ADDITIONAL GUARDRAIL POSTS			10 EACH																										