COMPUTED BY:	C. HARRIS	DATE:	4/2/2020
CHECKED BY:	B. TAYLOR	DATE:	9/16/2020

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

PROJECT REFERENCE NO.	SHEET NO.
U-2579AB	3B-4

"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

GUARDRAIL SUMMARY

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		SINGLE FACED CONCRETE BARRIER	REMOVE EXISTING GUARDRAIL	REMOVE EXISTING GUIDERAIL	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	MOD. B-77		G	NG				
Y15FLYAC	30+00.72	32+07.34	LT	206.25				32+02.47	12'	15'	50'		1'				1		1										
Y15FLYAC	45+05.20	47+62.78 (BR)	RT	260.375				47+62.78 (BR)	4'	14'	237.5		4.75'			1	1										379		
Y15FLYAC	45+04.57	47+62.78 (BR)	LT	260.375				47+62.78 (BR)	12'	15'	50'		1'			1	1												
Y15FLYAC	66+43.78 (BR)	67+21.58	RT	79.125			66+43.78 (BR)	67+00.00	4'	14'						1			1										
Y15FLYAC	66+43.78 (BR)	68+49.26	LT	204.125			66+43.78 (BR)	68+25.00	12'	15'						1			1										
Y15FLYAC	13+34.33	13+65.62	134' RT	25.00																							68		BROOK BEND DEAD END
Y15FLYBD	10+93.93	14+14.18	RT	318.75				13+97.31	14'	17'	50'		1'				1		1										
Y15FLYBD	17+50.16	Y15RPB 20+55.73	RT	1,856.25			18+50.00	Y15RPB 20+25.00	14'	17'	50'		1'				1		1										
Y15FLYBD	24+38.24	26+43.51	LT	206.25				26+37.00	12'	15'	50'		1'				1		1										
Y15FLYBD	36+68.34	39+41.33 (BR)	LT	272.875				39+41.33 (BR)	12'	15'	50'		1'			1	1												
Y15FLYBD	36+75.64	39+41.33 (BR)	RT	272.875				39+41.33 (BR)	4'	14'	250'		5'			1	1												
Y15FLYBD	51+58.29 (BR)	69+05.49	LT	1,729.125			51+58.29 (BR)	69+00.00	12'	15'						1			1										
Y15FLYBD	51+58.29 (BR)	68+07.50	RT	1,679.125			51+58.29 (BR)	70+00.00	14'	17'	500'		10'			1			1										
Y15FLYBD	73+78.05	UXRPC 11+56.39	RT	222.875			76+01.04		14'	17'	50'		1'			1	1									4,451			NW24/25
Y15FLYBD	78+40.46	78+70.09	164' RT	25.00																									ANSLEY CT DEAD END
Y15FLYBD	82+10.47	82+37.65	197' RT	25.00																									ANSLEY DR DEAD END
Y15FLYBD	86+94.91	87+24.18	176' RT	25.00																									COUNTRY VIEW DR DEAD END
Y15FLYBD	96+79.56	97+09.25	RT	25.00																							71		LAKE VALLEY RD DEAD END
Y15FLYCA	11+59.52	14+04.12	RT	243.75				14+00.00	14'	17'	50'		1'				1		1										
Y15FLYCA	32+71.39	34+74.94	RT	206.25				34+68.00	14'	17'	50'		1'				1		1										
Y15FLYCA	32+74.39	34+80.67	LT	206.25				34+68.00	12'	15'	50'		1'				1		1										
Y15FLYCA	49+27.93	52+55.78 (BR)	RT	322.875				52+55.78 (BR)	4'	14'	300'		6'			1	1												
Y15FLYCA	49+47.41	52+55.78 (BR)	LT	297.875				52+55.78 (BR)	12'	15'						1	1												
Y15FLYCA	69+70.80 (BR)	70+48.40	RT	79.125			69+70.80 (BR)		4'	14'						1			1										
Y15FLYCA	69+70.80 (BR)	70+17.92	LT	41.625			69+70.80 (BR)		12'	15'						1			1										
Y15FLYCA	82+24.75	89+27.76	RT	693.75			83+75.00	89+00.00	14'	17'	50'		1'				1		1										
Y15RPA	19+40.00	Y15 162+05.68	LT	722.875			Y15 154+82.81	Y15RPA 19+40.00	14'	17'	50'		1'			1	1									4,390			NW15/16
Y15RPB	28+76.72	Y15 17+53.25	RT	935.375			30+50.00	38+17.79	14'	17'	50'		1'			1	1									3,703			NW17/18, TIE TO EXIST. BARRIER RAIL
Y15RPDREV	32+25.36	36+44.77	LT	431.25			34+00.00	36+25.00	12'	15'	50'		1'				1		1										
Y15RPDREV	33+24.43	37+50.00	RT	418.75			34+75.00	37+50.00	14'	17'	50'		1'				1		1										
Y16	18+33.97	20+52.72 (BR)	RT	218.75				20+52.72 (BR)	7.5'	11'	50'	150'	1'	0.5'	1		1												
Y16	19+99.64	20+93.37 (BR)	LT	93.75			20+93.37 (BR)		4'	8'		75'		1.5'	1		1												
Y16	25+20.87 (BR)	26+14.60	RT	93.75			25+20.87 (BR)		7.5'	11'		75'		1.5'	1		1												
Y16	25+69.94 (BR)	27+87.67	LT	218.75				25+69.94 (BR)	4'	11'	200'		4'		1		1												
UXRPB	13+41.61	16+78.38	LT	331.25			15+50.00	13+50.00	14'	17'	50'		1'				1		1										
UXRPC	17+23.12	20+05.15	RT	281.25			18+50.00	20+00.00	14'	17'	50'		1'				1		1										
SR1	25+46.48	29+85.45	RT	450.00			26+75.00	29+00.00	4'	7'								2											
	Assembly S			393.75															1										TIE TO EXIST. GUARDRAIL
SHEET SUB-TOTAL =				**14,374.375**	**0.00**										**4**	**15**	**25**	**2**	**19**							**12,544**	**518**		
SHEET 3B-3 SUB-TOTAL =				**42,653.125**	**100.00**										**4**	**15**	**27**	**11**	**32**			**1**				**4,975**	**8,127**	**15,384**	
ALL SHEETS SUB-TOTAL =				**57,027.50**	**100.00**										**8**	**30**	**52**	**13**	**51**			**1**				**17,519**	**8,645**	**15,384**	
LESS ANCHOR DEDUCTIONS																													
	TYPE III :	8	18.75	-150.00																									
	B-77 :	30	22.875	-686.25																									
	GREU TL-3 :	52	50	-2,600.00																									
	GREU TL-2 :	13	25	-325.00																									
	CAT-1 :	51	6.25	-318.75																									
GRAND TOTAL =				**52,947.50**	**100.00**																								
SAY =				**53,000.00**	**150.00**		**10 ADDITIONAL GUARDRAIL POSTS**																			**17,520**	**8,650**	**15,390**	