COMPUTED BY: IWB	DATE: 08/22/2017
CHECKED BY: CJM	DATE: 08/22/2017

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PROJECT REFERENCE NO.	SHEET NO.
U-4405	3B-1

ASPHALT PAVEMENT REMOVAL SUMMARY

SURVEY LINE	STATION	STATION	LOCATION LT/RT/CL	YD²
-L-	43+98	44+41	LT	53.55
-SR1-	12+40	17+17	RT	382.49
-SR1-	17+53	18+90	RT	375.47
-L-	247+59	251+02	LT	1,037.34
-RPB-	27+37	28+31	RT	77.58
-RPB-	31+55	33+72	RT	696.06
			TOTAL:	2,622.49
			SAY:	2,640

CONCRETE BARRIER SUMMARY

SURVEY LINE	STATION	STATION	LT /RT	TYPE	LENGTH
-AA-	71+66.92	69+07.72	LT	SINGLE FACED	256.92'
-RPB-	10+00.00	26+20.33	RT	SINGLE FACED	1,613.11'
				TOTAL:	2,307.57'
				SAY:	2,310'

WOVEN WIRE FENCE SUMMARY

SURVEY LINE	STATION	STATION	LT /RT	FABRIC	END BRACE	CORNER BRACE	LINE BRACE	4" POSTS	5" POSTS
-L-	247+53.31	250+57.67	LT	304.4'	2			20	4
-RPB-	16+62.25	25+67.53	RT	378.4'	2	1	1	22	10
-RPB-	29+54.66	33+42.30	RT	911.1'	2	2	2	56	16
			TOTAL:	1,593.9'	6	3	3	98	30
			SAY:	1,600'	6	3	3	98	30

"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

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 GUARDRAIL	REMOVE EXISTING GUARDRAIL	REMOVE AND STOCKPILE EXISTING GUARDRAIL	REMARKS
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END		GREU TL-3		TYPE III	B-77	CAT-1				EA	G	NG				
-L-	37+02.50	39+33.75	RT	231.25'			39+15.00		0.75'		1'		50'			1				1										
-L-	38+96.25	42+21.25	LT	331.25'			39+15.00		0.75'		1'		50'			1				1										
-L-	79+93.75	84+50.00	LT	456.25			83+50.00	80+00.00	2'		1'		50'			1				1										
-L-	82+50.00	85+56.25	RT	306.25'			83+00.00	85+50.00	2'		1'		50'			1				1										
-L-	136+00.00	138+56.25	RT	256.25'			138+00.00	138+20.00	2'		1'		50'			1				1										
-L-	136+88.75	139+20.00	LT	231.25'			138+50.00	138+05.00	2'		1'		50'			1				1										
-L-	140+56.60	143+49.50	RT																								409'			
-L-	207+81.93	212+19.17	LT																								290'			
-L-	220+00.00	223+06.25	RT	306.25'			221+00.00	223+00.00	2'		1'		50'			1				1										
-L-	220+93.75	223+00.00	LT	206.25'			222+00.00	221+00.00	2'		1'		50'			1				1										
-RPB-	17+77.33	19+51.93	LT	174.60'			17+77.33		12'	15'	1'		50'			1											402'			
-RPB-	21+00.00	26+19.86	LT	519.36'			22+00.00	26+19.86	12'	15'	1'		50'			1			1											
-RPB-	27+39.19	31+44.65	RT	405.46'			27+39.19	31+44.65	12'	15'	1'		100'						1	1										
-RPB-	27+66.66	28+93.92	LT	127.26'			27+66.66		12'	15'									1	1										
-AA-	74+23.17	71+66.92	LT	256.25'			71+66.92		12'	15'	1'		50'			1			1											
-AA-	66+08.59	68+14.84	LT	206.25'			66+27.34		6'	9'	1'		50'			1				1										
-AA-	63+23.39	66+46.09	RT	322.7'			66+27.34		4.25'	7.25'									1	1										REMOVE EXISITNG IMPACT ATTENUATOR
			SUBTOTAL	4,336.88'												12			5	12										
		LESS 12 GREU TL-3 @ 50' EACH		600'																										
		LESS 12 CAT-1 @ 6.25' EACH		78'																										
		LESS 5 B-77 @ 22.875' EACH		114.38'																										
			PROJECT TOTALS	3,544.5'												12			5	12							1,101			
			SAY	3625'												12			5	12							1,101			ADDITIONAL GUARDRAIL POSTS = 5

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