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COMPUTED BY: ESM DATE: 11/5/2021
CKED BY: AEV DATE: 1/10/2022

PROJECT NO.	SHEET NO.
R-5819 / R-5820	3B-2

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

SHOULDER BERM GUTTER SUMMARY

LINE	Station	Station	LENGTH
-Y1- RT	35+76	36+99	123
-Y1- LT	36+75	36+99	24
-Y1- RT	39+54	39+77	23
-Y1- LT	39+54	40+79	125
-Y2- RT	33+19	38+79	560
-Y2- LT	33+19	38+79	560
-Y2- RT	42+51	46+56	405
-Y2- LT	42+51	46+56	405
		TOTAL:	2,225.00
		SAY:	2,230

CHAIN LINK FENCE RESET

LINE	Station	Station	LENGTH
-Y2- LT	48+06.46	50+48.84	242.38
		TOTAL:	242.38
		SAY:	250

PAVEMENT REMOVAL & BREAKING SUMMARY

IN SQUARE YARDS

SURVEY LINE	Station	Station	LOCATION LT/RT/CL	ASPHALT REMOVAL	ASPHALT BREAKUP	CONCRETE REMOVAL	CONCRETE BREAKUP
REMOVAL OF EXISTING SHOULDERS ON MAINLINE							
-LWB-	18+50.00	39+38.57	LT	928.25			
-LWB-	18+50.00	39+38.57	LT MED	928.25			
-LEB-	18+50.00	39+47.20	RT	932.09			
-LEB-	18+50.00	39+47.20	RT MED	932.09			
-L-	10+00.00	105+30.00	LT	4,235.56			
-L-	10+00.00	105+30.00	LT MED	4,235.56			
-L-	10+00.00	105+30.00	RT	4,235.56			
-L-	10+00.00	105+30.00	RT MED	4,235.56			
REMOVAL OF DETOUR							
-L- TURN LANE	11+32.52	22+35.24	RT	1,331.91			
-L- TURN LANE	24+17.85	33+20.60	LT	1,070.18			
-L- LEFT OVERS	12+55.00	31+98.00	MEDIAN	9,047.02			
-DET1-	11+25.00	25+34.04	LT/RT	4,238.13			
-DET1-	26+78.17	40+50.00	LT/RT	4,010.99			
-L- TURN LANE	79+00.00	90+14.00	RT	1,345.64			
-L- TURN LANE	91+88.00	101+00.00	LT	1,097.86			
-L- LEFT OVERS	80+30.00	99+70.00	MEDIAN	9,037.65			
-DET2-	12+69.46	23+57.00	LT/RT	3,725.87			
-DET2-	25+01.00	37+61.90	LT/RT	3,804.79			
REMOVAL OF Y LINES							
-Y1-	37+00.00	37+55.00	RT/LT	389.02			
-Y1-	39+08.43	39+54.00	RT/LT	419.84			
-Y1A-	11+97.00	16+10.79	RT/LT	341.81			
-Y2-	38+79.20	39+25.00	LT/RT	474.65			
-Y2-	40+88.78	42+19.00	LT/RT	1,103.82			
-Y2- / -Y7-	67+02.37	94+06.00	RT	3,558.31			
-Y1-	26+50.00	37+00.00	LT/RT		2,837.19		
-Y1-	39+54.00	50+00.00	LT/RT		2,531.15		
-Y2-	31+00.00	38+79.20	LT/RT		2,091.28		
-Y2-	42+19.00	49+50.00	LT/RT		1,889.36		
		TOTAL:		65,660.42	9,348.99		
		SAY:		65,675	9,340		

WOVEN WIRE FENCE

SURVEY LINE	Station	Station	LOCATION LT/RT/CL	FABRIC L.F.	END BRACE	CORNER BRACE	LINE BRACE	4" POSTS	5" POSTS
-Y1-	27+46.66	28+94.76	RT	148.59		1		9	3
-L-	22+92.38	24+11.88	RT	123.69		2		6	6
-Y1-	47+49.12	47+87.37	RT	102.52		1		6	3
-Y1-	47+87.37	48+58.72	RT	73.88		2		2	6
-Y1RPB-	17+30.43	17+72.15	LT	41.12		1		1	3
-Y1RPB-	17+72.15	19+58.00	LT	180.14		1		11	3
-Y1RPB-	19+58.00	19+58.00	LT	10.19		1			3
-Y1RPB-	19+58.00	19+90.00	LT	30.81		2			6
-Y1RPB-	19+58.00	19+90.00	LT	9.52		1			3
-Y1-	27+97.63	28+75.93	LT	78.87		1		4	3
-L-	19+39.39	20+62.29	LT	132.77		2		6	6
-Y2-	42+49.40	43+67.07	RT	117.68		2		5	6
-Y1RPD-	17+31.00	19+55.00	LT	216.89		1		14	3
-Y1RPD-	19+55.00	19+87.00	LT	50.08		2			6
			TOTAL:	1,316.75				64	60
			SAY:	1,325				69	65

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
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	B-77	GREU, TL-3	GREU, TL-2	CAT-1	AT-1	Type III SC	B-77 SC	TEMP GREU TL-3	G	NG				
-Y1-	35+28.15	37+13.52	RT	185.375			37+13.52		6.375	9.375	131.25		2.625			1	1												
-Y1-	36+28.15	37+13.52	LT	85.375				37+13.52	6.375	9.375		62.5		1.25		1	1												
-Y1-	39+40.27	41+25.65	LT	185.375			39+40.27		6.375	9.375	131.25		2.625			1	1												
-Y1-	39+40.27	40+25.65	RT	85.375				39+40.27	6.375	9.375		62.5		1.25		1	1												
-Y2-	32+45.47	38+93.34	RT	647.875			38+93.34		6.375	9.375	131.25		2.625			1	1												
-Y2-	32+45.47	38+93.34	LT	647.875				38+93.34	6.375	9.375		131.25		2.625		1	1												
-Y2-	42+37.17	48+85.05	LT	647.875			42+37.17		6.375	9.375	131.25		2.625			1	1												
-Y2-	42+37.17	48+85.05	RT	647.875				42+37.17	6.375	9.375		131.25		2.625		1	1												
-Y7-	65+38.75	67+45.00	LT	206.250			65+70.00		8	11	50	6.25	1	0.125			1		1										
-Y7- / -DR1-	63+37.50	11+72.60	RT	275.000	75		65+70.00		8 / 6	11 / 9	50	50	1	1			2												
-L-	20+57.00	22+00.75	MEDIAN RT	143.750			21+75.92		37	40	50	6.25	1	0.125			1		1										
-L-	21+50.00	22+93.75	MEDIAN LT	143.750				21+75.92	37	40	50	6.25	1	0.125			1		1										
-L-	88+29.00	89+72.75	MEDIAN RT	143.750			89+49.48		37	40	50	6.25	1	0.125			1		1										
-L-	89+25.00	90+68.75	MEDIAN LT	143.750				89+49.48	37	40	50	6.25	1	0.125			1		1										
		PROJECT TOTALS		4189.250																									
		ANCHOR DEDUCTIONS																											
		(15) GREU 350 TL-3 @ 50' EACH =		-750.000																									
		(8) TYPE B-77 @ 22.875' EACH =		-183.000																									
		(5) TYPE CAT-1 @ 6.25' EACH =		-31.250																									
		GRAND TOTALS		3225.000	75											8	15		5										
		SAY		3250	75											8	15		5										
Temporary Guardrail																													
-DET1-	17+25.00	21+75.00	LT	450.000			18+00.00	21+00.00	6	9	50	50	1	1									2						
-DET1-	18+25.00	21+75.00	RT	350.000			18+50.00	21+00.00	6	9	50	50	1	1									2						
-DET1-	29+75.00	33+75.00	LT	400.000			30+50.00	33+00.00	6	9	50	50	1	1									2						
-DET1-	29+75.00	33+75.00	RT	400.000			30+50.00	33+00.00	6	9	50	50	1	1									2						
		PROJECT TOTALS		1600.000																			8						
		ANCHOR DEDUCTIONS																											
		(8) GREU 350 TL-3 @ 50' EACH =		-400.000																									
		GRAND TOTALS		1200.000																									
		SAY		1225																									
Remove Temporary Guardrail																													
		STRAIGHT GUARDRAIL REMOVAL		1225																									
		GREU 350 TL-3 REMOVAL		8 EACH																									
		ADDITIONAL GUARDRAIL POSTS		10 EACH																									