COMPUTED BY: MBL DATE: 2-10-16	PROJECT NO.	SHEET NO.
CHECKED BY: CSM DATE: 8-4-16	U-3440	3B-2

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

REMOVAL OF EXISTING ASPHALT PAVEMENT

LINE	STATION	STATION	LOCATION	LENGTH OR AREA	WIDTH	SQUARE YARDS
L	25+00	67+60		126092.03		14010.23
L	68+90	120+00		132727.09		14747.45
L	120+00	149+53		85318.60		9479.84
Y3	11+15	11+89		400.17		44.46
Y4	11+95	12+80		2569.97		285.55
Y6	10+38	11+35		1851.02		205.67
Y7	10+36	12+75		8300.05		922.23
Y8/Y8A	10+38	14+50		12134.99		1348.33
Y9	12+21	12+93		1273.74		141.53
Y10	10+89	15+27		2734.87		303.87
Y11/Y20	10+60	15+00		12020.57		1335.62
Y12	10+00	12+53		4014.86		446.10
Y14	12+00	12+76		4638.22		515.36
Y15	10+00	13+15		6496.17		721.80
Y17	OUTSIDE OF	LIMITS		4289.30		476.59
Y18	11+70	12+37		1697.32		188.59
					TOTAL	67,156.59
					SAY	**67,160**

BREAKING OF EXISTING ASPHALT PAVEMENT

LINE	STATION	STATION	LOCATION	LENGTH OR AREA	WIDTH	SQUARE YARDS
L	66+50	67+61	RT	2560.25		284.47
L	68+91	76+00	RT	18871.86		2096.87
L	116+00	120+00	LT	9866.40		1096.27
					TOTAL	3,477.61
					SAY	**3,480**

WOVEN WIRE FENCE, 47" FABRIC

STATION TO STATION	LT. OR RT.	A FABRIC L.F.	B END BRACE	C CORNER BRACE	D LINE BRACE	E 4" POSTS	F 5" POSTS
-Y16- 10+48 TO -L- 125+26	LT	284.00	1	7		8	23
-L- 128+55 TO 126+30	LT	229.00	1	2		12	8
TOTAL		513				20	31
SAY (PER MEMORANDUM 215)		**600**				**21**	**32**
ADDITIONAL BARBED WIRE		**100**					
(CONTINGENCY)							

"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 SHOULDER WIDTH	LARE LENGT		W		ANCHORS									IMPACT ATTENUATOR TYPE 350		RELAPPING GUARDRAIL	REMOVE EXISTING GUARDRAIL	REMOVE & RESET EXISTING GUARDRAIL	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	TYPE III	CAT-1	B-77	AT-1	TES	G	NG				
L	10+66	Y 11+05	RT																								162	
L	35+49	Y4 12+14	LT	575	62.5		40+19	36+48	14	16	6.25		4							1		1						-L- 35+48.68 through 37+00 N=12', T=14'
L	39+25	45+56	RT	500	175		40+25	44+56	14	16	50		1				1			1								
L	65+50	67+77	LT	237.5			66+50	67+77	13.5	15.5		50		1			1		1									
L	65+82	67+64	LT MED	187.5			65+82	67+64	2			50		1			1				1					125			
L	65+82	67+57	RT MED	175			65+82	67+57	2		50		1				1				1						52		
L	65+01	67+44	RT	237.5			66+00	67+44	13.5	15.5	50		1				1		1								51		
L	69+07	69+86	LT	62.5	37.5		69+07	N/A	7.5		6.25		4						1			1							
L	68+94	70+68	LT MED	175			68+94	70+68	2		50		1				1				1					112.5			
L	69+87	70+68	RT MED	187.5			68+87	70+68	2			50		1			1				1						91		
L	68+74	70+99	RT	237.5			68+74	70+00	12			50		1			1		1								91		
L	70+16	74+45	LT	412.5	37.5		73+45	71+33	12	14	50	6.25	1	4			1					1							
L	74+71	78+50	LT	375			77+50	75+71	12	14	50		1				1			1									
L	84+95	87+06	RT	200	25		85+95	86+06	14	16	50		1				1			1									
L	85+19	86+61	LT	137.5			85+25	86+00	14	16	50		1				1			1									
L	94+94	Y9 12+01	LT	425	75		98+12	95+93	14	16	6.25		4							1		1							
L	96+25	99+31	RT	312.5			97+25	98+31	14	16	50		1				1			1									
L	108+25	109+85	RT	162.5			109+25	109+75	14	16	50		1				1			1									
L	109+34	Y13 12+47	LT	800	50		115+75	110+33	14	16	50		1				1			1									
L	116+49	119+56	RT	287.5	25		117+49	118+31	14	16	50		1				1			1									
L	122+02	126+81	RT	475			123+00	125+80	10	12	50		1				1			1									
L	126+19	129+75	LT	362.5			128+75	127+18	10	12	50		1				1			1									
L	132+69	136+90	LT	425			135+90	133+70	10	12	50		1				1			1									
Y12	12+25			12.5																			2					
L	120+00	120+05	LT	12.5																			2					
L	131+03	131+16	RT	12.5																			2					
L	134+50	134+66	RT	25																			2					
L	139+80	139+86	LT	12.5																			2					
			SUBTOTAL	7025	487.5												19		4	13	4	4	10						
			LESS DEDUCTIONS FOR ANCHORS																										
			GRAU-350 19 @ 50' =	-950																									
			TYPE III 4 @ 18.75' =	-75																									
			B-77 4 @ 18.75' =	-75																									
			CAT-1 13 @ 6.25' =	-81.25																									
			AT-1 4 @ 6.25' =	-25																									
			PROJECT TOTALS:	5818.75	487.5																					237.5	285	162	
			SAY:	5850	500																					250	300	162.5	
			ADDITIONAL GUARDRAIL POSTS =	10																									