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PROJECT REFERENCE NO.	SHEET NO.
R-3825B	3B-1

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

SUMMARY OF EARTHWORK
IN CUBIC YARDS

LOCATION			UNCLASSIFIED EXCAVATION	UNDERCUT	EMBT +%	BORROW	WASTE
-L- 16+00.00 (LEFT)	TO	45+00.00 (LEFT)	5,937	1,565	30,400	24,463	1,565
-L- 16+00.00 (RIGHT)	TO	45+00.00 (RIGHT)	14,783	435	9,230		5,988
-LDET- 35+50.00	TO	43+53.59	272		351	79	
-Y4- 10+50.00	TO	12+75.00	1,971		7		1,964
-Y4DET- 0+50.00	TO	3+75.00	854		54		800
		SUB-TOTAL	23,815	2,000	40,042	24,542	10,316
-L- 45+00.00 (LEFT)	TO	62+32.00 (LEFT)	6,881	56	16,228	9,347	56
-L- 45+00.00 (RIGHT)	TO	62+32.00 (RIGHT)	24,194	2,744	35,872	11,678	2,744
BRIDGE							
-Y5- 10+50.00	TO	14+22.00	6,358		19		6,339
-Y5DET- 0+50.00	TO	5+50.13	672		206		466
		SUB-TOTAL	38,105	2,800	52,325	21,025	9,605
		BRIDGE					
-L- 66+08.00 (LEFT)	TO	96+50.00 (LEFT)	3,989	6	10,554	7,136	577
-L- 66+08.00 (RIGHT)	TO	96+50.00 (RIGHT)	1,706	294	23,000	21,477	477
-Y6- 10+60.00	TO	17+50.00	2,242		1,206		1,036
-Y7- 15+00.00	TO	16+50.00	467	600	592	249	724
-Y8- 10+50.00	TO	11+30.00	54		74	20	
-Y9- 11+73.15	TO	17+50.00	1,976		78		1,898
-Y10- 10+50.00	TO	11+11.65	58		2		56
		SUB-TOTAL	10,492	900	35,506	28,882	4,768
-L- 96+50.00 (LEFT)	TO	126+50.00 (LEFT)	8,508	250	23,894	15,386	250
-L- 96+50.00 (RIGHT)	TO	126+50.00 (RIGHT)	5,516	400	27,906	22,390	400
-Y10A- 11+10.00	TO	12+50.00	14		1,820	1,806	
-Y10B- 11+70.00	TO	12+50.00	24		124	100	
		SUB-TOTAL	14,062	650	53,744	39,682	650
-L- 126+50.00 (LEFT)	TO	156+50.00 (LEFT)	12,291	300	20,971	8,680	300
-L- 126+50.00 (RIGHT)	TO	156+50.00 (RIGHT)	11,033		21,910	10,877	
-Y10C- 12+05.00	TO	14+00.00	201		78		123
-Y11- 10+50.00	TO	11+37.75	265		2		263
		SUB-TOTAL	23,790	300	42,961	19,557	686
-L- 156+50.00 (LEFT)	TO	186+50.00 (LEFT)	11,060		22,671	11,631	20
-L- 156+50.00 (RIGHT)		186+50.00 (RIGHT)	15,356	2,500	41,506	26,316	2,667
-DR1- 10+50.00	TO	11+45.00	375				375
-Y11A- 10+50.00	TO	12+85.00	87		1,225	1,138	
-Y11B- 10+50.00	TO	11+76.00	49		544	495	
		SUB-TOTAL	26,928	2,500	65,946	39,580	3,062
-L- 186+50.00 (LEFT)	TO	216+50.00 (LEFT)	3,952		13,273	9,321	
-L- 186+50.00 (RIGHT)	TO	216+50.00 (RIGHT)	21,030		6,705		14,325
-Y11C- 10+50.00	TO	12+17.42	297		1		296
-Y12- 11+31.56	TO	17+00.00	1,432		12,438	11,006	
		SUB-TOTAL	26,710		32,417	20,327	14,620
-L- 216+50.00 (LEFT)	TO	246+50.00 (LEFT)	3,408		7,000	3,736	144
-L- 216+50.00 (RIGHT)	TO	246+50.00 (RIGHT)	7,129		15,418	9,736	1,446
-Y12A- 12+25.00	TO	12+50.00	93				93
-Y12B- 10+41.28	TO	11+00.00	88		2		86
-Y13- 16+23.49	TO	34+29.28	1,644		3,863	2,249	30
		SUB-TOTAL	12,362		26,283	15,721	1,800
-L- 246+50.00 (LEFT)	TO	257+50.00 (LEFT)	2,291		413		1,878
-L- 246+50.00 (RIGHT)	TO	257+50.00 (RIGHT)	497		734	245	8
		SUB-TOTAL	2,788		1,147	245	1,886
		PROJECT TOTALS	179,053	9,150	350,371	209,561	47,393
MATERIAL FOR SHOULDER CONSTRUCTION					4,688	4,688	
LOSS DUE TO CLEARING & GRUBBING			-20,000			20,000	
ADDITIONAL UNDERCUT				3,500	4,375	4,375	3,500
WASTE IN LIEU OF BORROW			.			-34,743	-34,743
		PROJECT TOTALS	159,053	12,650	359,434	203,881	16,150
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT						10,194	
		GRAND TOTALS	159,053	12,650	359,434	214,075	16,150
		SAY	**161,000**	**12,650**		**216,000**	

PAVEMENT STRUCTURE VOLUME: 50,022 CY -L-

PAVEMENT REMOVAL SUMMARY

SURVEY LINE	STATION	STATION	LOCATION LT/RT/CL	LENGTH OR AREA	YD^2
L	21+72.62	22+21.96	LT	47	5.22
L	28+72.13	29+70.04	CL	704	78.22
L	33+34.48	38+87.76	CL	7335	815.00
Y5	10+32.98	11+68.13	RT	3105	345.00
L	75+27.58	76+13.03	CL	207	23.00
L	95+55.70	114+65.11	CL	38793	4310.33
L	120+10.11	125+25.01	CL	10643	1182.56
L	150+48.15	150+96.21	RT	610	67.78
L	151+20.21	151+44.19	RT	120	13.33
L	153+22.00	163+93.57	CL	23213	2579.22
L	164+47.28	176+20.34	LT	8206	911.78
L	168+08.04	171+16.31	CL	2804	311.56
L	176+66.15	189+58.30	CL	22266	2474.00
L	194+80.16	216+43.97	CL	44309	4923.22
Y12	12+77.32	15+62.72	LT	5290	587.78
Y12	15+79.21	18+26.71	LT	6949	772.11
Y12	19+00.71	20+47.95	LT	6119	679.89
L	226+78.00	231+07.38	CL	8764	963.78
L	236+59.28	240+84.98	CL	10394	1154.89
				TOTAL:	22,198.67
				SAY:	22,200

SHOULDER BERM GUTTER

SURVEY LINE	STATION	STATION	LOCATION LT/RT/CL	LENGTH
L	26+78.00	29+46.00	LT	268.0
L	48+77.00	50+98.00	LT	243.0
L	57+26.25	62+07.50	LT	481.3
L	57+08.25	62+07.50	RT	499.3
L	66+32.50	67+38.75	RT	106.3
L	66+32.50	67+42.00	LT	110.0
L	104+01.91	107+85.00	LT	383.1
L	112+97.00	115+10.00	RT	232.0
L	127+05.00	128+98.00	RT	193.0
L	127+96.00	129+53.09	LT	158.0
L	133+35.00	137+03.00	RT	368.0
L	135+12.00	138+05.00	LT	293.0
L	154+75.00	158+68.00	RT	393.0
L	155+12.00	159+05.00	LT	393.0
L	166+30.00	173+34.00	LT	702.0
L	193+01.04	194+00.00	LT	99.0
L	200+22.00	202+65.00	LT	243.0
L	200+70.00	203+38.00	RT	268.0
Y12	17+02.23	20+46.28	RT	355.0
			TOTAL:	5787.8
			SAY:	5790

8/9/2018
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tcrutchfield