COMPUTED BY: JnJ DATE: 9/5/2023

PROJECT NUMBER	SHEET NUMBER
U-5824	3B-2

RD:

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

SUMMARY OF EARTHWORK

CHAIN	BEGINNING STATION	ENDING STATION	UNCL. EXCA. C.Y.	UNDERCUT C.Y.	EMBANK. +% C.Y.	BORROW C.Y.	WASTE C.Y.
SUMMARY 1							
-L- LT	10+52.50	30+00.00	1,786		5,783	3,997	
-L- LT	30+00.00	50+50.00	2,709		11,425	8,716	
-L- LT	71+50.00	98+50.00	1,830		3,176	1,346	
-L- LT	100+00.00	106+50.00	551		102		449
-L- RT	10+52.50	15+50.00	231		736	505	
-L- RT	44+50.00	70+00.00	3,441		3,756	315	
-L- RT	70+00.00	98+50.00	967		6,203	5,236	
-L- RT	100+00.00	106+50.00	44		779	735	
-Y1-	10+75.00	12+00.00	46		66	20	
-Y3-	10+25.00	12+13.74	130		265	135	
-Y4-	10+00.00	11+34.42	82		53		29
-Y6-	10+51.94	12+00.00	181		31		150
-Y7A-	10+51.50	11+50.00	23		60	37	
-Y8A-	10+46.96	12+90.79	324		100		224
SUBTOTAL			**12,345**		**32,535**	**21,041**	**852**
SUMMARY 2							
-L- LT	50+50.00	71+50.00	158		1,327	1,169	
-L- RT	15+50.00	44+50.00	544		5,614	5,070	
-Y2-	10+33.92	11+75.00	90		184	94	
-Y3-	13+06.66	15+25.00	252		138		114
-Y4-	12+15.01	14+00.00	63		40		23
-Y5-	10+39.69	11+50.00	12		59	47	
-Y7B-	12+00.00	13+03.45	20		47	27	
-Y8B-	11+25.00	12+42.99	94		25		69
-Y9-	10+75.00	11+25.00	50		1		49
-Y9-	12+44.85	14+85.00	138		51		87
-Y10-	10+25.00	11+61.58	132		26		106
-Y11A-	10+45.47	12+25.00	233		77		156
-Y11B-	10+00.00	11+32.17	13		156	143	
SUBTOTAL			**1,799**		**7,746**	**6,551**	**603**
SUMMARY 3							
-L- MED	17+00.00	22+00.00	55		108	53	
-L- MED	28+00.00	40+50.00	149		1,642	1,493	
-L- MED	43+00.00	54+00.00	157		607	450	
-L- MED	57+00.00	63+00.00			299	299	
-L- MED	66+00.00	75+50.00	63		350	287	
-L- MED	77+50.00	88+00.00	62		432	370	
-L- MED	90+50.00	93+50.00	44		69	25	
-L- (TEMP. PVMT.)	22+50.00	26+36.00	42				42
-L- (TEMP. PVMT.)	56+00.00	63+00.00	210				210
-L- (TEMP. PVMT.)	66+18.00	68+27.00	21				21
-TEMP1-	17+10.00	21+85.00	86				86
-TEMP2-	20+35.00	24+72.00	136				136
SUBTOTAL			**1,025**		**3,508**	**2,978**	**495**
SHEET TOTALS			**15,169**		**43,789**	**30,569**	**1,950**
LOSS DUE TO CLEARING AND GRUBBING			**-6,000**			**6,000**	
EARTH WASTE IN LIEU OF BORROW						**-1,950**	**-1,950**
PROJECT TOTAL			**9,169**		**43,789**	**34,620**	
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT						**1,731**	
GRAND TOTAL			**9,169**			**36,351**	
SAY			**9,170**			**36,360**	

CHAIN	BEGINNING STATION	ENDING STATION	UNCL. EXCA. C.Y.	UNDERCUT C.Y.	EMBANK. +% C.Y.	BORROW C.Y.	WASTE C.Y.

Note: Earthwork quantities are calculated by the Roadway Designer. These earthwork quantities are based in part on subsurface data provided by the Geotechnical Engineering Unit.

Note: Approximate quantities only. Unclassified Excavation, Borrow Excavation, Fine Grading, Clearing and Grubbing, and Removal of Existing Pavement will be paid for at the contract lump sum price for "Grading."

ESTIMATED UNDERCUT = 2800 C.Y.