

### Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: U-4015A

COUNTY: Guilford

DATE: 9/19/2023

COMPILED BY: Eric Price

CHAIN	STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE					
			TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. (+)20%		ROCK	SUITABLE	UNSUIT.	TOTAL		
SUMMARY 1																		
-L- LT	10+25.00	35+75.00	635				635	7,874		7,874	9,449	8,814						
-L- RT	10+25.00	17+00.00	14				14	1,037		1,037	1,244	1,230						
-L- RT TEMP.	33+00.00	35+50.00	4				4	276		276	331	327						
-L- RT	37+00.00	66+00.00	1,198			425	773	2,441		2,441	2,929	2,156			425		425	
-L- LT	40+75.00	54+25.00	1,176			325	851	802		802	962	111			325		325	
-DR1-	10+30.00	11+40.00						84		84	101	101						
SUBTOTAL			3,027			750	2,277	12,514		12,514	15,017	12,740			750		750	
SUMMARY 2																		
-L- RT	29+00.00	37+00.00	139				139	342		342	410	271						
-Y1- LT	10+42.31	11+80.00	111				111	72		72	86			25			25	
-Y2-	10+42.11	12+30.00	812		1,200		812	44		44	53			759	1,200		1,959	
SUBTOTAL			1,062		1,200		1,062	458		458	550	271		784	1,200		1,984	
SUMMARY 3																		
-L- LT	35+75.00	40+75.00	63				63	188		188	226	163						
SUBTOTAL			63				63	188		188	226	163						
SUMMARY 4																		
-L- RT TEMP.	18+37.00	28+63.00						113		113	136	136						
SUBTOTAL								113		113	136	136						
SUMMARY 5																		
-L- RT	12+00.00	29+00.00	58				58	1,903		1,903	2,284	2,226						
-L- LT	54+25.00	66+00.00	180			100	80	365		365	438	358			100		100	
-Y1- RT	10+42.31	11+80.00	9				9	113		113	136	127						
SUBTOTAL			247			100	147	2,381		2,381	2,857	2,710			100		100	
SHEET TOTALS			4,399		1,200	850	3,549	15,654		15,654	18,785	16,020		784	2,050		2,834	

NOTE: EARTHWORK QUANTITIES ARE CALCULATED BY THE ROADWAY DESIGN UNIT. THESE EARTHWORK QUANTITIES ARE BASED IN PART ON SUBSURFACE DATA PROVIDED BY THE GEOTECHNICAL ENGINEERING UNIT.

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CUMULATIVE TOTALS	EXCAVATION					EMBANKMENT				BORROW	WASTE			
	TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. (+)20%		ROCK	SUITABLE	UNSUIT.	TOTAL
SHEET 1 SUMMARY	4,399		1,200	850	3,549	15,654		15,654	18,785	16,020		784	2,050	2,834
SHEET TOTALS	4,399		1,200	850	3,549	15,654		15,654	18,785	16,020		784	2,050	2,834
MATERIAL FOR SHOULDER CONSTRUCTION						30		30	36	36				
ADDITIONAL UNDERCUT			850			850		850	1,020	1,020			850	850
EARTH WASTE IN LIEU OF BORROW										-784		-784		-784
PROJECT TOTAL	4,399		2,050	850	3,549	16,534		16,534	19,841	16,292			2,900	2,900
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT										815				
GRAND TOTAL	4,399									17,106				
SAY	4,400									17,110				
DRAINAGE DITCH EXCAVATION	550													
SHALLOW UNDERCUT	2,500													
SHALLOW UNDERCUT (CONTINGENCY)	800													
CLASS IV SUBGRADE STABILIZATION	6,600													

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