

# EARTHWORK BALANCE SHEET

Volumes in Cubic Yards

PROJECT: R-5963A

COUNTY : CHATHAM

DATE

3/19/2025

SHEET 1\_ OF 1\_ SHEETS

LINE	STATION	STATION	TOTAL EXCAV. (UNCL.)	ROCK EXCAV.	UNDERCUT EXCAV.	UNSUIT. EXCAV.	SUITABLE EXCAV.	TOTAL EMB.	ROCK EMB.	EARTH EMB.	EMBANK. 20%	BORROW	SUITABLE WASTE	UNSUIT. WASTE	TOTAL WASTE
L	10+19.74	43+50.	155,547	2,394	1,075	44,471	108,682	13,822	2,394	10,830	15,389	0	95,687	45,546	141,233
L	43+50.	75+78.	76,369	21	775	15,454	60,894	49,288	21	49,262	59,135	0	1,780	16,229	18,009
L	77+20.	78+91.82	0	0	0	0	0	4,141	0	4,141	4,969	4,969	0	0	0
L	80+41.91	111+00.	127,624	1,701	1,225	559	125,364	24,901	1,701	22,775	29,031	0	98,034	1,784	99,818
L	111+00.	134+04.29	41,928	0	2,150	1,916	40,012	39,637	0	39,637	47,564	7,552	0	4,066	4,066
L	135+25.71	165+00.	51,958	295	0	0	51,663	62,721	295	62,352	75,118	23,160	0	0	0
L	165+00.	177+15.3	1,215	0	0	0	1,215	19,329	0	19,329	23,195	21,980	0	0	0
L	177+86.8	179+25.	133	0	0	0	133	14	0	14	17	0	116	0	116
				0	0	0	0		0	0	0	0	0	0	0
Y1	12+39.	29+63.	2,799	0	0	0	2,799	955	0	955	1,146	0	1,653	0	1,653
				0	0	0	0		0	0	0	0	0	0	0
Y7	13+25.	15+71.69	280	0	0	0	280	247	0	247	296	16	0	0	0
Y7	17+21.76	20+30.	520	0	0	0	520	84	0	84	101	0	419	0	419
				0	0	0	0		0	0	0	0	0	0	0
Y10	9+83.81	11+61.	102	0	0	0	102	5,524	0	5,524	6,629	6,527	0	0	0
Y10	12+39.	14+17.58	10,802	0	0	0	10,802	0	0	0	0	0	10,802	0	10,802
				0	0	0	0		0	0	0	0	0	0	0
Y14	11+48.	31+05.	1,561	0	0	0	1,561	2,383	0	2,383	2,860	1,299	0	0	0
				0	0	0	0		0	0	0	0	0	0	0
Y16	10+00.	13+21.	34	0	225	0	34	223	0	223	268	234	0	225	225
				0	0	0	0		0	0	0	0	0	0	0
RBT	10+00.	13+45.57	2,365	0	825	0	2,365	667	0	667	800	0	1,565	825	2,390
<b>PROJECT SUBTOTAL</b>			473,237	4,411	6,275	62,400	406,426	223,936	4,411	218,422	266,518	65,737	210,056	68,675	278,731
LOSS DUE TO CLEARING & GRUBBING			-17,000				-17,000	0				0	-17,000	0	-17,000
ADDITIONAL UNDERCUT TO BE FILLED WITH BORROW					4,100			4,100	0	4,100	4,920	4,920		4,100	4,100
EARTH WASTE TO REPLACE BORROW												-70,657	-70,657	0	-70,657
<b>PROJECT TOTALS</b>			456,237	4,411	10,375	62,400	389,426	228,036	4,411	222,522	271,438	0	122,399	72,775	195,174
ADDITIONAL UNDERCUT TO BE FILLED WITH SELECT GRANULAR MATERIAL - CLASS III					2,000									2,000	2,000
<b>GRAND TOTALS</b>			456,237		12,375							0	122,399	74,775	197,174
<b>SAY</b>			<b>457,000</b>									<b>0</b>			
ESTIMATED SELECT GRANULAR MATERIAL - CLASS III			8,275	CY											
ESTIMATED DRAINAGE DITCH EXCAVATION (DDE)			1,530	CY											
ESTIMATED SHOULDER BORROW			4,900	CY											
ESTIMATED SHALLOW UNDERCUT			1,500	CY											
ESTIMATED CLASS IV SUBGRADE STABILIZATION			7,810	TON											
NOTE: A QUANTITY OF 52,400 CY OF UNCLASSIFIED EXCAVATION - ACCEPTABLE BUT NOT TO BE USED IN THE TOP 3" OF EMBANKMENT OR BACKFILL HAS BEEN MEASURED FROM THE CROSS-SECTIONS															
2,190 CY FROM -L- STA 12+25 TO 12+75 (LT & RT)															
150 CY FROM -L- STA 23+75 TO 26+25 (LT & RT)															
5,310 CY FROM -L- STA 71+75 TO 74+75 (LT & RT)															
36,840 CY FROM -L- STA 82+25 TO 89+25 (LT & RT)															
580 CY FROM -L- STA 103+25 TO 105+25 (LT & RT)															
2,820 CY FROM -L- STA 116+75 TO 119+75 (LT & RT)															
2,570 CY FROM -L- STA 152+75 TO 154+25 (LT & RT)															
1,940 CY FROM -RBT- STA 10+50 TO 12+10 (LT & RT)															