

EARTHWORK BALANCE SHEET

PROJECT R-5930B

COUNTY Chatham

Volumes in Cubic Yards

DATE

12/6/2024

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	87+00.00	113+00.00	31,459	0	185	3,061	28,398	98,875	0	98,875	118,650	90,252	0	3,246	3,246
L	113+00.00	139+00.00	35,774	0	0	0	35,774	46,353	0	46,353	55,624	19,850	0	0	0
L	139+00.00	164+92.33	49,944	0	150	1,224	48,720	29,211	0	29,211	35,053	0	13,667	1,374	15,041
			0	0	0	0	0	0	0	0	0	0	0	0	0
Y9	10+35.70	12+35.00	371	0	0	0	371	219	0	219	263	0	108	0	108
			0	0	0	0	0	0	0	0	0	0	0	0	0
Y11	10+68.00	32+20.00	1,132	0	0	240	892	242	0	242	290	0	602	240	842
Y11	37+95.00	40+40.00	55	0	0	0	55	22	0	22	26	0	29	0	29
			0	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0
PROJECT SUBTOTAL			118,735	0	335	4,525	114,210	174,922	0	174,922	209,906	110,102	14,405	4,860	19,265
LOSS DUE TO CLEARING & GRUBBING			-6,960					-6,960				6,960			
ADDITIONAL UNDERCUT TO BE FILLED WITH BORROW					1,500			1,500		1,500	1,800	1,800		1,500	1,500
WASTE IN LIEU OF BORROW												-14,405	-14,405	0	-14,405
								0			0	0	0	0	0
PROJECT TOTALS			111,775	0	1,835	4,525	107,250	176,422	0	176,422	211,706	104,456	0	6,360	6,360
ESTIMATED ADDITIONAL UNDERCUT TO BE FILLED WITH SELECT GRANULAR MATERIAL					1,000									1,000	1,000
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT												5,223			
GRAND TOTALS			111,775		2,835							109,679			7,360
SAY			112,000		2,835							110,000			

* 335 CY UNDERCUT BY STATION RANGE TO BE FILLED WITH SELECT GRANULAR MATERIAL. CALCULATED EMBANKMENT TOTAL DOES NOT INCLUDE A QUANTITY TO BACKFILL THIS UNDERCUT AND DOES NOT REQUIRE AN ADJUSTMENT

ESTIMATED SELECT GRANULAR MATERIAL

1,335 CY

NOTE: A QUANTITY OF 37,970 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
 7,445 CY FROM -L- STA 87+00 TO 89+75 (LT & RT)
 5,120 CY FROM -L- STA 92+25 TO 94+40 (LT & RT)
 2,630 CY FROM -L- STA 95+75 TO 102+25 (LT & RT)
 6,200 CY FROM -L- STA 115+75 TO 120+25 (LT & RT)
 1,725 CY FROM -L- STA 145+75 TO 147+25 (LT & RT)
 1,4575 CY FROM -L- STA 161+75 TO 163+75 (LT & RT)
 275 CY FROM -Y11- STA 12+30 TO 13+75 (RT)