EARTHWORK BALANCE SHEET

Volumes in Cubic Yards

PROJECT R-5963D COUNTY Chatham DATE 1/24/2023 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
Y2	11+80.00	28+61.40	29788	0	0	14300	15488	42624	0	42624	51149	35661	0	14300	14300
				0	0	0	0		0	0	0	0	0	0	0
L	239+75.00	250+50.00	3876	0	0	0	3876	2377	0	2377	2852	0	1024	0	1024
				0	0	0	0		0	0	0	0	0	0	0
DRW1	10+22.75	13+23.16	1300	0	0	0	1300	50	0	50	60	0	1240	0	1240
				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
				0	0	0	0		0	0	0	0	0	0	0
				0	0	0	0		0	0	0	0	0	0	0
PROJECT SUBTOTAL			34964	0	0	14300	20664	45051	0	45051	54061	35661	2264	14300	16564
LOSS DUE TO CLEARING & GRUBBING			-2000				-2000					2000			
WASTE IN LIEU OF BORROW												-2264	-2264	0	-2264
								0			0	0		0	
PROJECT TOTALS			32964	0	0	14300	18664	45051	0	45051	54061	35397	0	14300	14300
ESTIMATED 5% TO REPLACE TOPSOIL ON BORROW PITS												1770			
GRAND TOTALS			32964									37167			14300
SAY			**33000**									**37200**			

* 175 CY GRADE POINT UNDERCUT IS ACCEPTABLE BUT NOT TO BE USED IN THE TOP 3' OF EMBANKMENT OR BACKFILL

ESTIMATED UNDERCUT EXCAVATION	575	CY
ESTIMATED SELECT GRANULAR MATERIAL	400	CY
ESTIMATED SHALLOW UNDERCUT	1200	CY

NOTE: A QUANTITY OF 14,800 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
13,600 CY FROM -Y2- STA 19+25 TO 25+75 (LT & RT)
1,200 CY FROM -Y2- STA 27+25 TO 28+25 (LT & RT)