

EARTHWORK BALANCE SHEET

Volumes in Cubic Yards

PROJECT: U-6018

COUNTY: GUILFORD

DATE: 3/22/2021 COMP BY: JDR

CHK. BY: CMKR

SHEET: 1

				EXCAVATION					EMBANKMENT				BORROW	WASTE			
LINE	STATION	TO	STATION	TOTAL UNCLASSIFIED EXCAVATION	ROCK EXCAVATION	UNDERCUT EXCAVATION	UNSUITABLE UNCLASSIFIED	SUITABLE UNCLASSIFIED	TOTAL EMBANKMENT	ROCK EMBANKMENT (25%)	EARTH EMBANKMENT	EMBANKMENT +20%		ROCK	SUITABLE WASTE	UNSUITABLE WASTE	TOTAL WASTE
												20%					
L	26+70.00	TO	52+50.00	826		1200		826	16177	0	16177	19412	18586	0	0	1200	1200
DR1	10+00.00	TO	11+10.00	115				115	147	0	147	176	61	0	0	0	0
SR1	10+00.00	TO	11+79.30	21				21	69	0	69	83	62	0	0	0	0
Y3 REV	16+00.00	TO	35+18.01	3183		4500		3183	8015	0	8015	9618	6435	0	0	4500	4500
SUBTOTAL				4145	0	5700	0	4145	24408	0	24408	29289	25144	0	0	5700	5700
L	57+12.38	TO	77+86.12	1350				1350	5666	0	5666	6799	5449	0	0	0	0
RPA	11+50.00	TO	21+50.00	1038				1038	1995	0	1995	2394	1356	0	0	0	0
RPB	10+00.00	TO	11+50.00	0				0	330	0	330	396	396	0	0	0	0
SUBTOTAL				2388	0	0	0	2388	7991	0	7991	9589	7201	0	0	0	0
RPC	10+00.00	TO	11+50.00	109				109	21	0	21	25	0	0	84	0	84
RPD	11+00.00	TO	17+40.16	1369				1369	447	0	447	536	0	0	833	0	833
Y6	10+00.00	TO	20+11.50	705				705	667	0	667	800	95	0	0	0	0
Y7	10+00.00	TO	11+71.36	18				18	264	0	264	317	299	0	0	0	0
Y8	11+00.00	TO	17+40.27	242				242	1468	0	1468	1762	1520	0	0	0	0
Y9	10+19.38	TO	25+50.00	789				789	13030	0	13030	15636	14847	0	0	0	0
SUBTOTAL				3232	0	0	0	3232	15897	0	15897	19076	16761	0	917	0	917
Y6	21+50.00	TO	23+39.20	90				90	123	0	123	148	58	0	0	0	0
Y5	16+00.00	TO	17+21.93	28				28	25	0	25	30	2	0	0	0	0
RAB2	10+00.00	TO	14+39.82	144				144	1808	0	1808	2170	2026	0	0	0	0
SUBTOTAL				262	0	0	0	262	1956	0	1956	2348	2086	0	0	0	0
TOTAL				10027	0	5700	0	10027	50252	0	50252	60302	51192	0	917	5700	6617
ADJUSTMENTS DUE TO																	
Est. Loss Due To Clearing And Grubbing				0				0					0				
Shoulder Material									2100		2100	2520	2520				
Additional Undercut						2250			2250		2250	2700	2700			2250	2250
Earth Waste to Replace Borrow													-917		-917		-917
PROJECT TOTAL				10027	0	7950	0	10027	54602	0	54602	65522	55495	0	0	7950	7950
Est. 5% to Replace Topsoil in Borrow Pits													2775				
GRAND TOTAL				10027		7950							58270				
SAY				10100		7950							58300				
Est. Drainage Ditch Excav. 240 CY																	
Select Granular Material 7700 CY																	
Geotextile For Soil Stab. 10,200 SY																	
Estimate Shallow Undercut 850 CY																	
Class IV Subgrade Stab. 1675 TONS																	

Quantities are approximate only. The Resident Engineer will recross-section the work accurately when the project is staked out. These cross-section notes will be used in computing the final quantities for which the contractor will be paid.