

Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: U-5783

COUNTY: Henderson

DATE: 3/6/2024

COMPILED BY: MATTERN & CRAIG

SHEET 1 OF 1 SHEETS

STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE			
		TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. +15%		ROCK	SUITABLE	UNSUIT.	TOTAL
-L- STA 12+00	-L- STA 14+21.48	204				204	312		312	359	155				
-Y1- STA 10+65.00	-Y1- STA 16+80.00	1,848				1,848	288		288	331			1,517		1,517
-Y2- STA 10+65.00	-Y2- STA 12+85.00	32				32	1,707		1,707	1,964	1,932				
-DR5- STA 13+50	-DR5- STA 14+74.64	8				8	215		215	247	239				
-GW1- STA 201+55	-GW1- STA 206+00	283				283	2,402		2,402	2,762	2,479				
	SUBTOTAL NO.1	2,375				2,375	4,924		4,924	5,663	4,805		1,517		1,517
-L- STA 14+21.48	-L- STA 24+12.95	4,381				4,381	3,892		3,892	4,476	95				
-Y1A- STA 20+50.00	-Y1A- STA 22+59.61	38				38	894		894	1,029	991				
-Y3- STA 10+65.00	-Y3- STA 13+60.00	281				281	2,050		2,050	2,357	2,076				
-GW2- STA 212+65	-GW2- STA 217+20						1,475		1,475	1,697	1,697				
	SUBTOTAL NO.2	4,700				4,700	8,311		8,311	9,559	4,859				
-L- STA 24+12.95	-L- STA 35+96.80	2,560				2,560	2,498		2,498	2,873	313				
-Y4- STA 10+08.00	-Y4- STA 12+19.85	753				753	13		13	15			738		738
-Y5- STA 10+00.00	-Y5- STA 12+32.30	2,410				2,410							2,410		2,410
	SUBTOTAL NO.3	5,723				5,723	2,511		2,511	2,888	313		3,148		3,148
-L- STA 35+96.80	-L- STA 46+47.96	2,736				2,736	2,489		2,489	2,862	126				
-Y6- STA 10+20.00	-Y6- STA 11+86.77	33				33	131		131	150	117				
-Y7- STA 10+65.00	-Y7- STA 12+90.00	8				8	1,257		1,257	1,446	1,438				
	SUBTOTAL NO.4	2,777				2,777	3,877		3,877	4,458	1,681				
-L- STA 46+47.96	-L- STA 72+20.00	8,727				8,727	8,573		8,573	9,859	1,132				
-Y8- STA 10+25.60	-Y8- STA 12+70.00	3				3	425		425	488	485				
-Y9- STA 10+25.89	-Y9- STA 12+00.00	89				89	154		154	178	89				
-Y10- STA 10+30.00	-Y10- STA 11+27.12	131				131	16		16	18			113		113
-Y11- STA 10+50.00	-Y11- STA 11+74.25	169				169							169		169
-Y12- STA 9+00.00	-Y12- STA 15+62.63	401				401	3,623		3,623	4,167	3,766				
-Y13- 10+37.76	-Y13- 16+05.00	1,466				1,466	249		249	286			1,180		1,180
-DR10- STA 10+10.00	-DR10- STA 11+37.60	62				62	3		3	3			59		59
	SUBTOTAL NO.5	11,048				11,048	13,043		13,043	14,999	5,472		1,521		1,521
TOTAL		26,623				26,623	32,666		32,666	37,567	17,130		6,186		6,186
MATERIAL FOR SHOULDER CONSTRUCTION							1,300		1,300	1,495	1,495				
LOSS DUE TO CLEARING & GRUBBING		-600				-600					600				
WASTE IN LIEU OF BORROW											-6,186		-6,186		-6,186
PROJECT TOTAL		26,023				26,023	33,966		33,966	39,062	13,039				
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT											652				
GRAND TOTAL		26,023				26,023	33,966		33,966	39,062	13,691				
SAY		26,500									14,000				

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.

EST. DDE = 90 CUBIC YARDS