

Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: B-5783

COUNTY: Davidson

DATE: 3/13/2023

COMPILED BY: DAVENPORT

SHEET ___ OF ___ SHEETS

STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE			
		TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. +20%		ROCK	SUITABLE	UNSUIT.	TOTAL
-L- Sta. 9+50	-L- Sta. 17+00	1,597				1,597	3,309		3,309	3,971	2,374				
-L- Sta. 17+00	-L- Sta. 20+00	47				47	4,493		4,493	5,392	5,345				
	SUBTOTAL	1,643				1,643	7,802		7,802	9,362	7,718				
-L- Sta. 22+50	-L- Sta. 30+00	367				367	4,328		4,328	5,194	4,827				
-L- Sta. 30+00	-L- Sta. 32+50	225				225	61		61	73			152		152
	SUBTOTAL	592				592	4,389		4,389	5,266	4,826		152		152
-RPC- Sta. 10+00	-RPC- Sta. 14+15	195				195	51		51	61			134		134
	SUBTOTAL	195				195	51		51	61			134		134
-DET A/B- Sta. 10+00	-DET A/B- Sta. 14+87						7		7	8	8				
-DET C/D- Sta. 10+00	-DET C/D- Sta. 14+88						4		4	5	5				
	SUBTOTAL						11		11	13	13				
	TOTAL	2,430				2,430	12,253		12,253	14,702	12,557		286		286
MATERIAL FOR SHOULDER CONSTRUCTION							1,137		1,137	1,365	1,365				
LOSS DUE TO CLEARING & GRUBBING		-350				-350					350				
UNCLASS. EXCAV. - UNSUITABLE WASTE		150			150								150		150
WASTE IN LIEU OF BORROW											-286		-286		-286
	PROJECT TOTAL	2,230				2,080	13,390		13,390	16,066	13,986		150		150
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT											699				
	GRAND TOTAL	2,230				2,080	13,390		13,390	16,066	14,685		150		150
	SAY	2,300									14,700				

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. UNDERCUT EXCAVATION - 600 CY
 EST. SHALLOW UNDERCUT - 200 CY