

Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: BR-0140

COUNTY: Davidson

DATE: 9/17/2026

COMPILED BY: PARRISH & PARTNERS

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
PHASE I															
-PHASE 2_MEDX- 29+73.98	38+89.05	429				429							429		429
	SUBTOTAL	429				429							429		429
PHASE II															
-L- LT 30+62.00	38+64.27	54				54	2,409		2,409	2,891	2,837				
-L- LT 40+83.77	50+70.00	159				159	3,363		3,363	4,036	3,877				
-L- MED 35+50.00	40+00.00						811		811	973	973				
-L- MED 40+00.00	46+50.00	5				5	1,642		1,642	1,970	1,965				
	SUBTOTAL	218				218	8,225		8,225	9,870	9,652				
PHASE II-A															
-PHASE 3_MEDX- 10+12.26	14+89.10	86				86	85		85	102	16				
-PHASE 3_MEDX- 26+48.11	32+73.45	173				173	10		10	12			161		161
	SUBTOTAL	259				259	95		95	114	16		161		161
PHASE III															
-L- RT 30+62.00	38+55.16	121				121	684		684	821	700				
-L- RT 40+74.66	52+88.75	1,345				1,345	3,505		3,505	4,206	2,861				
	SUBTOTAL	1,466				1,466	4,189		4,189	5,027	3,561				
PHASE IV															
-L- MED 30+62.00	35+50.00	82				82	603		603	724	642				
-L- MED 46+50.00	50+70.00	186				186	20		20	24			162		162
	SUBTOTAL	268				268	623		623	748	642		162		162
TOTAL		2,640				2,640	13,132		13,132	15,759	13,871		752		752
MATERIAL FOR SHOULDER CONSTRUCTION							480		480	576	576				
LOSS DUE TO CLEARING & GRUBBING		-700				-700					700				
WASTE IN LIEU OF BORROW															
PROJECT TOTAL		1,940				1,940	13,612		13,612	16,335	15,147		752		752
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT											757				
GRAND TOTAL		1,940					13,612		13,612	16,335	15,904		752		752
SAY		2,000									16,000				

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. SHALLOW UNDERCUT = 100 CY

CLASS IV SUBGRADE STABILIZATION = 200 TONS

PER GEOTECH RECOMMENDATION, ESTIMATED 425 CUBIC YARDS OF UNDERCUT TO BE USED IN THE DISCRETION OF THE RESIDENT ENGINEER.

DDE = 10 CY