

Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: BR-0093

COUNTY: Rockingham

COMPILED BY: KDA

DATE: 1/25/2024

LINE	STATION	STATION	EXCAVATION				EMBANKMENT				BORROW	WASTE				
			TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH		EMBANK. +20%	ROCK	SUITABLE	UNSUIT.	TOTAL
-L-	12+50.00	16+40.52 (BB)	5,608				5,608	456		456	547			5,061		5,061
-L-	19+30.52 (EB)	22+50.00	193				193	247		247	296	103				
-DWY1-	10+50.00	11+20.00	1				1	5		5	6	5				
-DWY2-	11+25.00	11+75.00	18				18	2		2	2			16		16
		SUBTOTAL	5,820				5,820	710		710	852	108		5,076		5,076
		SUBTOTAL														
		SUBTOTAL														
		SUBTOTAL														
		SUBTOTAL														
		TOTAL	5,820				5,820	710		710	852	108		5,076		5,076
		WASTE IN LIEU OF BORROW										-108		-108		-108
		PROJECT TOTAL	5,820				5,820	710		710	852			4,968		4,968
		GRAND TOTAL	5,820				5,820	710		710	852			4,968		4,968
		SAY	5,850													

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 = 35 CUBIC YARDS
- EST. SHOULDER BORROW = 160 CUBIC YARDS
- EST. SHALLOW UNDERCUT = 100 CUBIC YARDS
- EST. CLASS IV SUBGRADE STABILIZATION = 200 TONS
- PER GEOTECH RECOMMENDATION, ESTIMATED 450 CUBIC YARDS OF UNDERCUT TO BE USED AT THE DISCRETION OF THE RESIDENT ENGINEER.