

Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: BR-0096

COUNTY: Rockingham

DATE: 11/4/2025

COMPILED BY: CTPS

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 12+50.00	-L- Sta 14+94.15 (Abutment Wall)	6				6	2,048		2,048	2,458	2,452				
-L- Sta 15+50.62 (Abutment Wall)	-L- Sta 18+00.00	7				7	1,831		1,831	2,198	2,191				
-Y- Sta 14+56.38	-Y- Sta 18+33.69	105				105	654		654	785	680				
-Y1- Sta 12+50.00	-Y1- Sta 13+44.62	127				127	33		33	40			87		87
	SUBTOTAL	244				244	4,566		4,566	5,479	5,323		87		87
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TOTAL		244				244	4,566		4,566	5,479	5,323		87		87
SHOULDER MATERIAL							30		30	36	36				
WASTE IN LIEU OF BORROW											-87		-87		-87
PROJECT TOTAL		244				244	4,596		4,596	5,515	5,272				
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT											264				
GRAND TOTAL		244				244	4,596		4,596	5,515	5,535				
SAY		300									6,100				

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.

TOTAL SHALLOW UNDERCUT = 100 CUBIC YARDS
CLASS IV SUBGRADE STABILIZATION = 200 TONS
PER GEOTECH RECOMMENDATION: ESTIMATED 550 CUBIC YARDS OF UNDERCUT TO BE USED IN THE DISCRETION OF THE RESIDENT ENGINEER.