

Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: B-5737

COUNTY: Rockingham

DATE: 12/13/2021

COMPILED BY: Moffatt & Nichol

SHEET 1 OF 1 SHEET

STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE						
		TOTAL UNCLASS	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. +20%		ROCK	SUITABLE	UNSUIT.	TOTAL			
-L-																		
17+00.00	20+32.00	12				12	1,526		1,526	1,831	1,819							
21+41.00	25+00.00	18				18	1,396		1,396	1,675	1,657							
	SUBTOTAL	30				30	2,922		2,922	3,506	3,476							
-RPA-																		
10+00.00	12+25.00	14				14	546		546	655	641							
	SUBTOTAL	14				14	546		546	655	641							
-DET-																		
17+67.80	20+04.95	369				369	212		212	254				115				115
21+84.95	24+17.64						332		332	398	398							
	SUBTOTAL	369				369	544		544	652	398			115				115
	SUBTOTAL																	
	TOTAL	413				413	4,012		4,012	4,813	4,515			115				115
MATERIAL FOR SHOULDER CONSTRUCTION LOSS DUE TO CLEARING & GRUBBING		-50				-50	90		90	108	108							
REDUCTION OF BORROW IN LIEU OF RCBC																		
ROCK WASTE TO REPLACE BORROW																		
ADJUST FOR ROCK WASTE																		
WASTE IN LIEU OF BORROW												-115		-115				-115
	PROJECT TOTAL	363				363	4,102		4,102	4,921	4,558							
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT												228						
-DET- DETOUR REMOVAL																		
18+50.00	20+32.00	52				52	161		161	193	141							
21+41.00	22+50.00	142				142								142				142
WASTE IN LIEU OF BORROW												-142						
	GRAND TOTAL	557				557	4,263		4,263	5,114	4,785							
	SAY	600									5,000							

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.