

Earthwork Balance Sheet

Volumes in Cubic Yards
DATE: 5/29/2024

PROJECT: b-5982

COUNTY: Haywood

COMPILED BY: MRHUSSEY

SHEET ___ OF ___ SHEETS

STATION	STATION	EXCAVATION				EMBANKMENT				BORROW	WASTE			
		TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH		EMBANK. +15%	ROCK	SUITABLE	UNSUIT.
PHASE I DETOUR														
-L_DET- 10+25.00	-L_DET- 17+52.00 (BEG BRIDGE)	10,097				10,097			485			558		
-L_DET- 18+95.91(END BRIDGE)	-L_DET- 24+25.00	84				84			14,659			16,858	16,774	
	SUBTOTAL	10,181				10,181			15,144			17,416	16,774	9,539
WASTE IN LIEU OF BORROW													-9,539	-9,539
	TOTAL PHASE I	10,181				10,181			15,144			17,416	7,235	
PHASE III -L- RIGHT														
-L- 12+25.00	-L- 19+59.80(BEG BRIDGE)	2,187				2,187			3,229			3,713	1,526	
-L- 21+04.80(END BRIDGE)	-L- 25+25.00	85				85			3,811			4,383	4,298	
-Y4- 10+00.00	16+07.00	4				4			2,266			2,606	2,602	
	SUBTOTAL	2,276				2,276			9,306			10,701	8,425	
WASTE IN LIEU OF BORROW														
	TOTAL PHASE III	2,276				2,276			9,306			10,701	8,425	
PHASE IV -L- LT														
-L- 12+25.00	-L- 19+59.80(BEG BRIDGE)	1,914				1,914			37			43		1,871
-L- 21+04.80(END BRIDGE)	-L- 25+75.00	321				321			53			61		260
	SUBTOTAL	2,235				2,235			90			104		2,131
WASTE IN LIEU OF BORROW														
	TOTAL PHASE IV	2,235				2,235			90			104		2,131
PHASE V DETOUR REMOVAL														
-L- 14+25.00	-L- 19+59.80(BEG BRIDGE)	2,466				2,466								2,466
-L- 21+04.80(END BRIDGE)	-L- 24+50.00	9,993				9,993			170			196		9,798
	SUBTOTAL	12,459				12,459			170			196		12,264
WASTE IN LIEU OF BORROW														
	TOTAL PHASE V	12,459				12,459			170			196		12,264
	SUB TOTALS	27,151				27,151			24,710			28,416	15,660	14,395
MATERIAL FOR SHOULDER CONSTRUCTION									750			863	863	
	PROJECT TOTAL	27,151				27,151			25,460			29,279	16,523	14,395
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT													826	
	GRAND TOTAL	27,151				27,151			25,460			29,279	17,349	14,395
	SAY	27,175											17,375	

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.