

Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: BR-0100

COUNTY: Rutherford

DATE: 7/22/2024

COMPILED BY: _____

EDM

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.	TOTAL
-DET- 11+25.50	-DET- 17+14.43	1,069				1,069	4,706	4,706	5,412	4,343					
-DET- 18+57.01	-DET- 25+30.99	80				80	10,728	10,728	12,337	12,257					
-Y1_DET- 10+10.51	-Y1_DET- 10+73.40						14	14	16	16					
	SUBTOTAL	1,149				1,149	15,448	15,448	17,765	16,616					
-L- 13+65.00	-L- 17+47.83	5				5	1,195	1,195	1,374	1,369					
-L- 19+08.17	-L- 24+75.00	261				261	3,886	3,886	4,469	4,208					
-Y1- 10+12.07	-Y1- 11+43.00						31	31	36	36					
-DR1- 10+11.00	-DR1- 11+69.87						370	370	426	426					
	SUBTOTAL	266				266	5,482	5,482	6,304	6,038					
Detour Removal		12,465				12,465	649	649	746			11,719		11,719	
	SUBTOTAL	12,465				12,465	649	649	746			11,719		11,719	
	SUBTOTAL														
	TOTAL	13,880				13,880	21,579	21,579	24,815	22,654		11,719		11,719	
MATERIAL FOR SHOULDER CONSTRUCTION							160	160	184	184					
	SUBTOTAL														
PROJECT TOTAL		13,880				13,880	21,739	21,739	24,999	22,838		11,719		11,719	
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT										1,142					
GRAND TOTAL						13,880	21,739	21,739	24,999	23,979		11,719		11,719	
SAY		14,000								24,900					

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.