

Earthwork Balance Sheet

PROJECT: HL-0065

COUNTY: Rutherford

Volumes in Cubic Yards
DATE: 5/26/2026

COMPILED BY: HNTB

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
-L1- 11+69.32	-L1- 18+00.00	824				824	36		36	41			783		783
-L2- 10+00.00	-L2- 29+50.00	1,309				1,309	599		599	689			620		620
-L2- 54+50.00	-L2- 58+50.00	671				671	67		67	77			594		594
-L3- 11+00.00	-L3- 41+00.00	791				791	781		781	898	107				
-L3- 41+00.00	-L3- 45+00.00	223				223	84		84	97			127		127
-L3- 50+50.00	-L3- 74+00.00	1,327				1,327	770		770	885			442		442
	SUBTOTAL	5,145				5,145	2,336		2,336	2,687	106		2,564		2,564
-L3- 79+50.00	-L3- 82+70.00	101				101	19		19	22			79		79
-Y1- 12+75.00	-Y1- 14+97.03	279		50	55	224	2		2	2			221	105	326
-Y2- 10+24.73	-Y2- 12+00.00	138				138	1		1	2			136		136
-Y7- 11+00.00	-Y7- 14+79.01	138				138	161		161	186	48				
-Y8- 10+25.64	-Y8- 15+00.00	206				206	310		310	356	151				
-Y14- 10+50.00	-Y14- 12+68.47	217				217	30		30	35			183		183
	SUBTOTAL	1,077		50	55	1,022	524		524	602	198		618	105	723
-Y15- 10+16.00	-Y15- 11+70.10	90				90	0		0	0			90		90
-Y18- 11+25.00	-Y18- 12+16.07	16				16	44		44	50	34				
-Y26- 10+60.95	-Y26- 12+41.49	102				102	82		82	94			8		8
-RAB- 10+00.00	-RAB- 13+76.99	465				465	1,251		1,251	1,438	974				
-MUP- 10+00.00	-MUP- 11+73.02	1,076				1,076	0		0	0			1,076		1,076
	SUBTOTAL	1,748				1,748	1,376		1,376	1,583	1,008		1,173		1,173
	SUBTOTAL														
TOTAL		7,970		50	55	7,915	4,236		4,236	4,872	1,312		4,355	105	4,460
MATERIAL FOR SHOULDER CONSTRUCTION															
LOSS DUE TO CLEARING & GRUBBING		-3,700				-3,700									-3,700
ADDITIONAL UNDERCUT				950										950	950
WASTE IN LIEU OF BORROW											-1,312		-1,312		-1,312
PROJECT TOTAL		4,270		1,000	55	4,215	4,236		4,236	4,872			3,043	1,055	398
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT															
GRAND TOTAL		4,270		1,000	55	4,215	4,236		4,236	4,872			3,043	1,055	398
SAY		4,400		1,000											

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.

SHOULDER BORROW = 60 CY
EST.SHALLOW UNDERCUT: 3,770 CY
CLASS IV SUBGRADE STABILIZATION: 7,160 TON
UNCLASSIFIED EXCAVATION - ACCEPTABLE, BUT NOT TO BE USED IN THE
TOP 3' OF EMBANKMENT BENEATH PAVEMENT SECTION FROM:
-L1- 11+75 TO 18+22, -L2- 18+25 TO 22+75, -L2- 26+75 TO 27+75, -L2- 31+75 TO 33+26, -L3- 19+75 TO 44+75
-L3- 52+75 TO 81+84, -Y2- 10+25 TO 11+75, -MUP- 10+07 TO 12+25, -Y14- 10+25 TO 12+25 (6,820 CY)