

Earthwork Balance Sheet

PROJECT: B-5541

COUNTY: Haywood

Volumes in Cubic Yards
DATE: 4/17/2025

COMPILED BY: NV5

SHEET 1 OF 1 SHEETS

STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE			
		TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. +15%		ROCK	SUITABLE	UNSUIT.	TOTAL
PHASE 1															
-L- 17+00.00 RT	-L- 29+07.54 (Begin Bridge) RT	3,528				3,528	3,529		3,529	4,058	530				
-L- 30+12.54 (End Bridge) RT	-L- 42+00.00 RT	2,469				2,469	12,338		12,338	14,189	11,720				
	SUBTOTAL	5,997				5,997	15,867		15,867	18,247	12,250				
PHASE 3															
-L- 17+00.00 LT	-L- 29+07.54 (Begin Bridge) LT	511				511	916		916	1,053	542				
-L- 30+12.54 (End Bridge)LT	-L- 42+00.00 LT	756				756	2,496		2,496	2,870	2,114				
	SUBTOTAL	1,267				1,267	3,412		3,412	3,923	2,656				
PHASE 4															
-L- 17+00.00 MED	-L- 29+07.54 (Begin Bridge) MED	1,461				1,461	754		754	867			594		594
-L- 30+12.54 (End Bridge) MED	-L- 42+00.00 MED	1,766				1,766	796		796	915			851		851
-Y1- 20+00.00	-Y1- 26+50.00	2,995				2,995	3,035		3,035	3,490	495				
-SR1- 18+50.00	-SR1- 20+50.05	19				19	12		12	14			5		5
	SUBTOTAL	6,241				6,241	4,597		4,597	5,286	495		1,450		1,450
	SUBTOTAL														
TOTAL		13,505				13,505	23,876		23,876	27,456	15,401		1,450		1,450
LOSS DUE TO CLEARING & GRUBBING		-250				-250				250	250				
MATERIAL FOR SHOULDER CONSTRUCTION							109		109	125	125				
WASTE IN LIEU OF BORROW											-495		-495		-495
PROJECT TOTAL		13,255				13,255	23,985		23,985	27,831	15,281		955		955
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT											764				
GRAND TOTAL		13,255				13,255	23,985		23,985	27,831	16,045		955		955
SAY		13,350									16,150				

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.

EST. DDE = 641 CY

GEOTEXTILE FOR SOIL STABILIZATION = 1,270 CY

SHALLOW UNDERCUT (CONTINGENCY) = 285 CY

CLASS IV SUBGRADE STABILIZATION = 1,670 TONS

UNDERCUT (CONTINGENCY) = 1,140 CY

SELECT GRANULAR MATERIAL = 940 CY

ROCK CONTINGENCY = 250 CY