

Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: I-5880

COUNTY: Forsyth

DATE: 2/5/2025

COMPILED BY: JCL

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
-L- 27+75.00 RT	-L- 38+46.00 RT	1,180		87		1,180	803		803	923			257	87	344
Y2A 14+26.14	Y2A 15+12.51	34				34	114		114	131	97				
	SUBTOTAL	1,214		87		1,214	917		917	1,054	97		257	87	344
L 27+75.00 LT	L 38+46.00 LT	1,558		88		1,558	773		773	889			669	88	757
Y1 6+15.00	Y1 9+30.00	445				445	153		153	176			269		269
Y2 10+67.87	Y2 14+38.00	133				133	269		269	309	176				
Y2 15+68.00	Y2 19+56.47	277				277	201		201	231			46		46
Y2A 15+12.51	Y2A 19+50.00	41				41	114		114	131	90				
C1 1+00.00	C1 3+95.31	161				161	866		866	996	835				
	SUBTOTAL	2,615		88		2,615	2,376		2,376	2,732	1,101		984	88	1,072
L 40+21.00 Rt	L 50+75.00 Rt	1,011		263		1,011	18,410		18,410	21,172	20,161			263	263
RpC 16+60.78	Rp C 27+85.38	1,452		125		1,452	19,973		19,973	22,969	21,517			125	125
Rp D 11+35.00	Rp D 20+78.83	1,543				1,543	954		954	1,097			446		446
Y1 27+95.00	Y1 35+40.00	575				575	691		691	795	220				
	SUBTOTAL	4,581		388		4,581	40,028		40,028	46,033	41,898		446	388	834
L 40+21.00 Lt	L 50+75.00 Lt	1,202		262		1,202	5,985		5,985	6,883	5,681			262	262
Y1 10+60.50	Y1 24+65.00	1,208		75		1,208	1,838		1,838	2,114	906			75	75
Rp B 14+67.64	Rp B 20+65.98	423		100		423	6,301		6,301	7,246	6,823			100	100
Rp A 10+00.00	RP A 16+82.46	853				853	138		138	159			694		694
	SUBTOTAL	3,686		437		3,686	14,262		14,262	16,402	13,410		694	437	1,131
	SUBTOTAL														
TOTAL		12,096		1,000		12,096	57,583		57,583	66,221	56,506		2,381	1,000	3,381
SHOULDER MATERIAL							2,920		2,920	3,358	3,358				
LOSS DUE TO CLEARING & GRUBBING															
ADDITIONAL UNDERCUT				1,300			1,300		1,300	1,495	1,495			1,300	1,300
ROCK WASTE TO REPLACE BORROW															
ADJUST FOR ROCK WASTE															
WASTE IN LIEU OF BORROW											-2,381		-2,381		-2,381
PROJECT TOTAL		12,096		2,300		12,096	61,803		61,803	71,074	58,978			2,300	2,300
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT											2,949				7/2/2025 3:48 PM

GRAND TOTAL		12,096		2,300		12,096	61,803		61,803	71,074	61,927			2,300	2,300
SAY		12,100									61,950				

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.