

Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: I-2513AC

COUNTY: Buncombe

DATE: 9/9/2026

COMPILED BY: Mohammed Fallaha

SHEET 1

STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE			
		TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. +15%		ROCK	SUITABLE	UNSUIT.	TOTAL
SUMMARY 1: PHASE I, STEPS 1-2															
-L- 15+11	-L- 43+66	234,027	22,520	2,923		211,507	30,617	22,520	1,341	24,062			209,965	2,923	212,888
-L- 47+50	-L- 76+00	92,714		2,893		92,714	17,221		17,221	19,804			72,910	2,893	75,803
-L- 80+50	-L- 81+50	16		42		16	5		5	6			10	42	52
-L- 83+00	-L- 105+00	29,786		1,130		29,786	1,998		1,998	2,298			27,488	1,130	28,618
-Y2- 12+35	-Y2- 17+53	7,444		94		7,444	272		272	313			7,131	94	7,225
-Y2- 18+24	-Y2- 19+12			71			2,020		2,020	2,323	2,323			71	71
-Y2- 25+19	-Y2- 29+50	3,432		229		3,432	776		776	892			2,540	229	2,769
-Y2C- 11+00	-Y2C- 13+15	411				411	664		664	764	353				
-Y2RPB- 21+57	-Y2RPB- 27+55	78	70	597		8	56,338	70	56,247	64,754	64,676			597	597
-Y8- 15+50	-Y8- 19+50	1,766				1,766	574		574	660			1,106		1,106
-Y10- 12+00	-Y10- 12+50	35				35	167		167	192	157				
-Y14- 12+00	-Y14- 15+00	617				617	73		73	84			533		533
	SUBTOTAL	370,326	22,590	7,979		347,736	110,725	22,590	81,358	116,152	67,509		321,683	7,979	329,662
SUMMARY 2: PHASE I, STEPS 3-4															
-L- 13+49 (RT)	-L- 31+85 (RT)	25,013		2,040		25,013	12,550		12,550	14,433			10,580	2,040	12,620
-L- 48+50 (RT)	-L- 53+00 (RT)	14,211		552		14,211	619		619	712			13,499	552	14,051
-Y2- 17+53	-Y2- 18+40						1,313		1,313	1,510	1,510				
-Y2- 21+13	-Y2- 21+50			22			1,086		1,086	1,249	1,249			22	22
-Y2- 23+50	-Y2- 25+56	4,172		139		4,172	1,603		1,603	1,843			2,329	139	2,468
-Y2B- 15+00	-Y2B- 21+18	889				889	6,808		6,808	7,829	6,940				
	SUBTOTAL	44,285		2,753		44,285	23,979		23,979	27,576	9,699		26,408	2,753	29,161
SUMMARY 3: PHASE I, STEP 4A															
-L- 32+00 (RT)	-L- 40+00 (RT)	123		429		123	693		693	797	674			429	429
	SUBTOTAL	123		429		123	693		693	797	674			429	429
SUMMARY 4: PHASE I, STEP 4B															
-Y2- 19+30	-Y2- 20+70			122			5,473		5,473	6,294	6,294			122	122
-Y2A- 13+70	-Y2A- 18+46	1,195				1,195	10,832		10,832	12,457	11,262				
-Y2RPB- 27+55	-Y2RPB- 28+09			7			3,574		3,574	4,110	4,110			7	7
	SUBTOTAL	1,195		129		1,195	19,879		19,879	22,861	21,666			129	129
SUMMARY 5: PHASE I, STEP 5															
-L- 60+65 (LT)	-L- 64+03 (LT)	746		196		746	6		6	7			739	196	935
-Y2- 12+35	-Y2- 14+82	47		47		47	68		68	78	31			47	47
-Y2- 16+82	-Y2- 18+50			46			1,207		1,207	1,388	1,388			46	46
-Y2- 20+70	-Y2- 21+13			29			1,332		1,332	1,532	1,532			29	29
	SUBTOTAL	793		318		793	2,613		2,613	3,005	2,951		739	318	1,057
SUMMARY 6: PHASE I, STEP 6															
-Y2- 14+04	-Y2- 16+81	3		53		3	223		223	256	253			53	53
-Y2A- 10+20	-Y2A- 13+70	2,730				2,730	61		61	70			2,660		2,660
-Y2A- 17+00	-Y2A- 19+07	55				55	91		91	105	50				
-Y2B- 11+50	-Y2B- 17+00	1,218				1,218	7,125		7,125	8,194	6,976				
-Y3B- 10+21	-Y3B- 11+23	21				21	183		183	210	189				
	SUBTOTAL	4,027		53		4,027	7,683		7,683	8,835	7,468		2,660	53	2,713
SUMMARY 7: PHASE II, STEPS 1-2															

-L- 60+00		-L- 79+00	2,400	3,458	2,400	16,208		16,208	18,639	16,239		3,458	3,458		
-L- 92+00 (RT)		-L- 106+50 (RT)	51,848	1,658	51,848	44,669		44,669	51,369		479	1,658	2,137		
-Y3- 16+79		-Y3- 22+50	162	968	162	7,067		7,067	8,127	7,965		968	968		
-Y3A- 12+20		-Y3A- 15+00	40		40	3,705		3,705	4,261	4,221					
-Y3RPD- 15+09		-Y3RPD- 21+47	10,850	2,910	1,450	7,940	2,910	664	3,674		7,176	1,450	8,626		
-RP23- 12+41		-RP23- 15+99	22,075			22,075		1	1		22,074		22,074		
-RP23- 36+14		-RP23- 39+92	237			237		11,647	13,394	13,157					
Surcharge Placement (Sheet 2G-5 and 2G-6)						32,722		32,722	37,630	37,630					
Surcharge Removal (Sheet 2G-5 and 2G-6)			32,722			32,722					32,722		32,722		
Reduction of Unclassified Excavation - L 96+25 to 97+75					3,000	-3,000					-3,000	3,000			
SUBTOTAL			120,334	2,910	7,534	3,000	114,424	120,466	2,910	116,683	137,095	79,212	59,451	10,534	69,985
SUMMARY 8: PHASE II, STEPS 3-4															
-Y3- 16+47		-Y3- 31+51	5,970	968	5,970	22,496		22,496	25,870	19,900		968	968		
-Y3A- 11+00		-Y3A- 15+00	1		1	1,524		1,524	1,753	1,752					
-RP23- 11+15		-RP23- 12+41	4,872		4,872	1		1	1		4,871		4,871		
-RAB2- 10+50		-RAB2- 13+00	1,182	600	1,182	13,947		13,947	16,039	14,857		600	600		
SUBTOTAL			12,025	1,568	12,025	37,968		37,968	43,663	36,509		4,871	1,568	6,439	
SUMMARY 9: PHASE III, STEP 1															
-L- 53+00 (RT)		-L- 72+50 (RT)	17,034	2,340	17,034	17,090		17,090	19,654	2,620		2,340	2,340		
-L- 73+00 (RT)		-L- 91+76 (RT)	24,755	2,377	24,755	133,190		133,190	153,169	128,414		2,377	2,377		
-L- 107+00		-L- 121+20	20,287	1,522	20,287	2,746		2,746	3,158		17,129	1,522	18,651		
-Y3- 14+96		-Y3- 16+68	4,391		4,391	904		904	1,040		3,351		3,351		
-TY6RPC- 10+00		-TY6RPC- 14+55	10,702		10,702	3		3	3		10,699		10,699		
SUBTOTAL			77,169	6,239	77,169	153,933		153,933	177,024	131,034		31,179	6,239	37,418	
SUMMARY 10: PHASE III, STEP 2A															
-L- 110+50 (RT)		-L- 121+20 (RT)	5,832	558	5,832	438		438	504		5,328	558	5,886		
SUBTOTAL			5,832	558	5,832	438		438	504		5,328	558	5,886		
SUMMARY 11: PHASE III, STEP 2B															
-L- 110+50 (RT)		-L- 121+20 (RT)	1,188	391	1,188	26		26	30		1,158	391	1,549		
SUBTOTAL			1,188	391	1,188	26		26	30		1,158	391	1,549		
SUMMARY 12: PHASE III, STEP 2C															
-L- 110+80 (LT)		-L- 116+50 (LT)	471	149	471						471	149	620		
SUBTOTAL			471	149	471						471	149	620		
SUMMARY 13: PHASE III, STEP 2D															
-L- 110+80 (LT)		-L- 116+50 (LT)	3,156	267	3,156	80		80	92		3,064	267	3,331		
SUBTOTAL			3,156	267	3,156	80		80	92		3,064	267	3,331		
SUMMARY 14: PHASE III, STEP 3															
-L- 107+00 (RT)		-L- 113+85 (RT)	1,534	579	1,534	13,356		13,356	15,359	13,825		579	579		
SUBTOTAL			1,534	579	1,534	13,356		13,356	15,359	13,825		579	579		
SUMMARY 15: PHASE III, STEP 4															
-L- 15+00		-L- 23+50	74	433	74	228		228	262	188		433	433		
-L- 64+00 (MED)		-L- 70+00 (MED)	32	206	32	538		538	619	587		206	206		
-L- 92+00		-L- 110+50	1,221	423	1,221	3,288		3,288	3,781	2,560		423	423		
SUBTOTAL			1,327	1,062	1,327	4,054		4,054	4,662	3,335		1,062	1,062		

