

Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: U-5906

COUNTY: Mecklenburg

DATE: 5/19/2025

COMPILED BY: CLR

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
NORTH															
PHASE I STEP 2															
-Y1- 12+50.00 RT	-Y1- 15+43.58 RT	87				87	16		16	18			69		69
-Y1A- 10+26.04	-Y1A- 18+00.00	3,483				3,483	444		444	511			2,972		2,972
-Y2- 12+20.00	-Y2- 15+80.48	89				89	563		563	647	558				
-Y2A- 9+60.00	-Y2A- 11+34.43	22				22	361		361	415	393				
PHASE I STEP 3															
-Y1- 12+50.00 LT	-Y1- 15+43.58 LT	42				42	69		69	79	37				
-Y1A- 18+00.00	-Y1A- 32+50.00	4,149				4,149	2,314		2,314	2,661			1,488		1,488
PHASE I STEP 4															
-Y1A- 32+50.00	-Y1A- 39+00.00	578				578	1,114		1,114	1,281	703				
-EY1- 41+90.00	-EY1- 43+90.00	8				8	29		29	33	25				
PHASE II STEP 1															
-RA1- 10+00.00	-RA1- 12+95.29	522				522	1,023		1,023	1,176	654				
-Y1A- 37+50.00	-Y1A- 40+41.52	130				130	33		33	38			92		92
-Y3B- 10+62.68	-Y3B- 14+00.00	1,877				1,877	22		22	25			1,852		1,852
PHASE II STEP 2															
-RA1- 10+50.00	-RA1- 11+50.00						125		125	144	144				
-Y1A- 39+00.00 RT	-Y1A- 40+41.52 RT	10				10	494		494	568	558				
-Y1B- 10+60.80 LT	-Y1B- 14+46.00 LT	157				157	18		18	21			136		136
-Y3A- 11+80.00	-Y3A- 14+29.01	352				352	109		109	125			227		227
-Y3B- 12+50.00 RT	-Y3B- 14+00.00 RT	16				16	60		60	69	53				
-DRIVE5- 10+26.79	-DRIVE5- 10+96.00	68				68	1		1	1			67		67
PHASE II STEP 3															
-Y1B- 10+60.80 RT	-Y1B- 14+46.00 RT	56				56	143		143	164	108				
-Y3A- 11+80.00	-Y3A- 14+29.01	19				19	70		70	81	62				
PHASE III STEP 1															
-Y6A- 11+48.86	-Y6A- 14+50.00	117				117	38		38	44			73		73
-Y6B- 14+00.00	-Y6B- 15+00.00	31				31							31		31
-DRIVE2- 10+26.40	-DRIVE2- 11+55.00	310				310							310		310
PHASE III STEP 2															
-Y6A- 14+50.00 LT	-Y6A- 17+09.28 LT	42				42	547		547	629	587				
-DRIVE3- 10+85.00	-DRIVE3- 12+37.63	72				72	666		666	766	694				
-RA2- 11+76.61	-RA2- 10+33.01	97				97	927		927	1,066	969				
-Y6B- 10+65.08 LT	-Y6B- 13+70.00 LT	928				928	12		12	14			914		914
PHASE III STEP 3															
-Y6A- 14+50.00 RT	-Y6A- 17+09.28 RT	63				63	261		261	300	237				
-DRIVE4- 10+18.77	-DRIVE4- 11+20.00	319				319							319		319
-RA2- 10+33.01	-RA2- 11+76.61	181				181	671		671	772	591				

-Y6B- 10+65.08 RT	-Y6B- 13+70.00 RT	835			835	7		7	8			827		827
	SUBTOTAL	14,660			14,660	10,137		10,137	11,656		6,372		9,377	9,377
SOUTH														
PHASE IV STEP 2														
-Y4A- 12+25.00	-Y4A- 14+98.89	315			315	462		462	531		216			
-DRIVE1- 10+18.15 LT	-DRIVE1- 11+55.00 LT	28			28	37		37	43		15			
-RA3- 10+00.00	-RA3- 10+81.96					121		121	139		139			
-Y5- 10+18.00 RT	-Y5- 12+00.00 RT	10			10	84		84	97		87			
PHASE V STEP 1														
-Y5- 10+18.00 LT	-Y5- 12+00.00 LT	25			25	94		94	108		83			
-DRIVE1- 10+18.15 RT	-DRIVE1- 11+55.00 RT	13			13	44		44	51		38			
-RA3- 10+78.29	-RA3- 12+50.00					297		297	342		342			
-Y4B- 10+65.00	-Y4B- 20+50.00	727			727	894		894	1,028		301			
-L- 32+50.00	-L- 37+50.00	750			750	2,127		2,127	2,446		1,696			
-RPC- 11+00.00 RT	-RPC- 13+09.00 RT	118			118	1,439		1,439	1,655		1,537			
PHASE V STEP 2														
-RA3- 10+00.00	-RA3- 12+95.29					1,845		1,845	2,122		2,122			
-Y4B- 14+00.00	-Y4B- 20+50.00	131			131	18		18	21			110		110
-RPC- 11+00.00 LT	-RPC- 13+00.00 LT	28			28	27		27	31		3			
	SUBTOTAL	2,145			2,145	7,489		7,489	8,612		6,578		110	110
TOTAL		16,805			16,805	17,626		17,626	20,268		12,950		9,487	9,487
SELECT MATERIAL IN LIEU OF BORROW														
LOSS DUE TO CLEARING & GRUBBING														
ADDITIONAL UNDERCUT														
ROCK WASTE TO REPLACE BORROW														
ADJUST FOR ROCK WASTE														
WASTE IN LIEU OF BORROW											-9,487		-9,487	-9,487
PROJECT TOTAL		16,805			16,805	17,626		17,626	20,268		3,463			
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT											173			
GRAND TOTAL		16,805			16,805	17,626		17,626	20,268		3,636			
SAY		17,650									3,820			

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.

Approximate quantities only. Unclassified excavation, borrow excavation, fine grading, clearing and grubbing, breaking of existing pavement and removal of existing pavement will be paid for at the lump sum price for "Grading".