

Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: U-5875 COUNTY: Pitt DATE: 8/8/2025 COMPILED BY: WAP SHEET 1 OF 1 SHEETS

LINE	STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE			
			TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. +25%		ROCK	SUITABLE	UNSUIT.	TOTAL
	PHASE I															
	SUMMARY NO. 1 (RT)															
-L-	12+50.00	19+00.00	157				157	403		403	504	347				
-Y-	20+45.42	31+45.00	1,832			300	1,532	1,057		1,057	1,321			210	300	510
	TOTAL SUMMARY NO. 1		1,989			300	1,689	1,460		1,460	1,825	347		210	300	510
	SUMMARY NO. 2 (RT.)															
-L-	19+00.00	49+00.00	6,358			660	5,698	3,074		3,074	3,843			1,855	660	2,515
	TOTAL SUMMARY NO. 2		6,358			660	5,698	3,074		3,074	3,843			1,855	660	2,515
	SUMMARY NO. 3 (RT.)															
-L-	49+00.00	79+00.00	16,795			8,500	8,295	6,075		6,075	7,594			701	8,500	9,201
-Y4-	10+40.50	11+50.00	15				15	72		72	90	75				
	TOTAL SUMMARY NO. 3		16,810			8,500	8,310	6,147		6,147	7,684	75		701	8,500	9,201
	SUMMARY NO. 4 (RT.)															
-L-	79+00.00	106+50.00	1,591			20	1,571	6,515		6,515	8,144	6,573			20	20
-Y5-	10+40.50	11+50.00	20				20	45		45	56	36				
	TOTAL SUMMARY NO. 4		1,611			20	1,591	6,560		6,560	8,200	6,609			20	20
	SUMMARY NO. 5 (RT.)															
-L-	106+50	139+42.90	4,441			200	4,241	17,890		17,890	22,363	18,122			200	200
-L2-	10+36.91	14+25.00	274				274	113		113	141			132		132
-Y8-	14+82.78	25+15.00	747				747	553		553	691			56		56
	TOTAL SUMMARY NO. 5		5,462			200	5,262	18,556		18,556	23,195	18,122		188	200	388
	PHASE II															
	SUMMARY NO. 6 (LT)															
-L-	12+50.00	19+00.00	35				35	242		242	303	268				
-Y-	12+60.00	19+44.38	418				418	292		292	365			53		53
	TOTAL SUMMARY NO. 6		453				453	534		534	668	268		53		53
	SUMMARY NO. 7 (LT.)															
-L-	19+00.00	49+00.00	139				139	5,410		5,410	6,763	6,624				
-Y1-	13+00.00	14+26.75	10				10	308		308	385	375				
-Y2-	11+15.00	12+11.33	22				22	48		48	60	38				
	TOTAL SUMMARY NO. 7		171				171	5,766		5,766	7,208	7,037				

LINE	STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE			
			TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. +25%		ROCK	SUITABLE	UNSUIT.	TOTAL
	SUMMARY NO. 8 (LT.)															
-L-	49+00.00	79+00.00	674				674	4,507		4,507	5,634	4,960				
-Y3-	13+00.00	13+90.82	37				37	108		108	135	98				
	TOTAL SUMMARY NO. 8		711				711	4,615		4,615	5,769	5,058				
	SUMMARY NO. 9 (LT.)															
-L-	79+00.00	106+50.00	526				526	4,516		4,516	5,645	5,119				
	TOTAL SUMMARY NO. 9		526				526	4,516		4,516	5,645	5,119				
	SUMMARY NO. 10 (LT.)															
-L-	106+50.00	139+42.90	2,816			20	2,796	4,514		4,514	5,643	2,847			20	20
-Y6-	18+50.00	25+34.44	656				656	36		36	45			611		611
-Y7-	16+50.00	19+16.00	108				108	234		234	293	185				
-Y8-	10+00.00	14+82.78	195				195	423		423	529	334				
	TOTAL SUMMARY NO. 10		3,775			20	3,755	5,207		5,207	6,510	3,366		611	20	631
SUMMARY TOTALS			37,866			9,700	28,166	56,435		56,435	70,547	46,001		1,137	9,700	13,318
WASTE IN LIEU OF BORROW												-1,137		-1,137		-1,137
LOSS DUE TO CLEARING & GRUBBING																
Estimated Shoulder Materiel								280		280	350	350				
	PROJECT TOTALS		37,866			9,700	28,166	56,715		56,715	70,897	45,214			9,700	12,181
EST. 5% TO REPLACE TOPSOIL ON BORROW PIT												2,261				
GRAND TOTALS			37,866			9,700	28,166	56,715		56,715	70,897	47,475			9,700	12,181
	SAY		38,000									48,000				
*UNCLASSIFIED EXCAVATION-ACCEPTABLE, BUT NOT TO BE USED IN TOP 3' OF EMBANKMENT OR BACKFILL:																
-L- Sta. 19+25 to Sta. 33+75 LT (22+75-24+75) & RT, -L- Sta. 37+25 to Sta. 39+25 RT, -L- Sta. 45+75 to Sta. 47+25 RT, -L- Sta. 47+75 to Sta. 49+75 LT, -L- Sta. 50+25 to Sta. 52+75 RT, -L- Sta. 53+75 to Sta. 66+25 RT,																
-L- Sta. 93+75 to Sta.101+75 LT & RT, -L- Sta. 103+25 to Sta. 106+25 RT, -L- Sta. 124+75 to Sta. 127+25 RT, -Y3- Sta. 13+25 to Sta. 13+75 RT, -Y6- Sta. 18+25 to Sta. 24+50 RT,																
(TOTAL QUANTITY - 14,800 CY)																

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.

DDE = 216 CY

UNDERCUT EXCAVATION = 1,500 CY

SELECT GRANULAR MATERIAL = 1,500 CY

SHALLOW UNDERCUT = 14,050 CY

PAVEMENT STRUCTURE VOLUME = 6,629 CY