

Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: W-5710X COUNTY: Mecklenburg DATE: 9/5/2025 COMPILED BY: TJN/IY SHEET_1_ OF 1 SHEETS

LINE	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																
-L1-	11+00.00	15+36.71	128				128	333		333	383	255				
-L1-	16+86.74	19+33.19	377				377	462		462	531	154				
-RND1-	10+00.00	13+50.00	341				341	2,691		2,691	3,095	2,754				
-Y1-	10+75.26	14+00.00	1,174		1,700	900	274	1,653		1,653	1,901	1,627			2,600	2,600
-Y2-	10+00.00	14+77.27	1,362				1,362	497		497	572			790		790
-DR1-	9+75.00	13+60.95	77				77	468		468	538	461				
	Summary #1	SUBTOTAL	3,459		1,700	900	2,559	6,104		6,104	7,020	5,251		790	2,600	3,390
Summary #2																
-L2-	10+75.07	16+00.00	882				882	165		165	190			692		692
-RND2-	10+00.00	13+50.00	135				135	3,351		3,351	3,854	3,719				0
-Y3-	11+00.00	16+23.22	500				500	2,796		2,796	3,215	2,715				0
-Y4-	12+00.00	15+50.00	525				525	296		296	340			185		185
-DR2-	10+00.00	11+00.00	36				36	194		194	223	187				0
-DR3-	10+00.00	10+75.00	6				6	29		29	33	27				0
	Summary #2	SUBTOTAL	2,084				2,084	6,831		6,831	7,855	6,648		877		877
SUMMARY TOTALS			5,543		1,700	900	4,643	12,935		12,935	14,875	11,899		1,667		4,267
MATERIAL FOR SHOULDER CONSTRUCTION								365		365	456	456				
ADDITIONAL UNDERCUT EXCAVATION					450			450		450	518	518			450	450
WASTE IN LIEU OF BORROW												-1,667		-1,667		-1,667
PROJECT TOTALS			5,543		2,150	900	4,643	13,385		13,750	15,849	11,206			3,050	3,050
EST. 5% TO REPLACE TOPSOIL ON BORROW PIT												560				
GRAND TOTALS			5,543		2,150							11,766				
	SAY		5,750		2,150							12,000				

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 = 180 CY

SELECT GRANULAR MATERIAL = 2100 CY

SHALLOW UNDERCUT = 100 CY