

Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: HL-0033 COUNTY: Wake DATE: 12/8/2025 COMPILED BY: LOCHNER SHEET__ OF __ SHEETS

STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE			
		TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. +20%		ROCK	SUITABLE	UNSUIT.	TOTAL
SUMMARY NO. 1 (PHASE 1)															
-L- 13+60	-L- 27+00	6,567		1,233	1,600	4,967	4,915		4,915	5,898	931	0	0	2,833	2,833
-Y- 10+25	-Y- 11+80	2				2	481		481	577	575	0	0	0	0
-Y- 12+80	-Y- 14+00	268				268	0		0	0	0	0	268	0	268
		0							0	0	0	0	0	0	0
		0							0	0	0	0	0	0	0
	SUMMARY 1 SUBTOTAL	6,837	0	1,233	1,600	5,237	5,396	0	5,396	6,475	1,506	0	268	2,833	3,101
SUMMARY NO. 2 (PHASE 1)															
-L- 27+00	-L- 35+99.14	22,959	7,025	2,530	4,350	11,584	91		91	109	0		18,500	6,880	25,380
		0							0	0	0	0	0	0	0
	SUMMARY 2 SUBTOTAL	22,959	7,025	2,530	4,350	11,584	91	0	91	109	0	0	18,500	6,880	25,380
SUMMARY NO. 3 (PHASE 3)															
-Y1- 13+60 LT	-Y1- 19+44 LT	484				484	7		7	8	0	0	476	0	476
-Y1- 20+35 LT	-Y1- 25+00 LT	354				354	455		455	546	192	0	0	0	0
		0							0	0	0	0	0	0	0
	SUMMARY 3 SUBTOTAL	838	0	0	0	838	462	0	462	554	192	0	476	0	476
SUMMARY NO. 4 (PHASE 3)															
-Y1- 15+00 RT	-Y1- 19+44 RT	286				286	16		16	19	0	0	267	0	267
-Y1- 20+35 RT	-Y1- 25+00 RT	235				235	68		68	82	0	0	153	0	153
		0							0	0	0	0	0	0	0
	SUMMARY 4 SUBTOTAL	521	0	0	0	521	84	0	84	101	0	0	420	0	420
SUMMARY NO. 5 (PHASE 2)															
-Y2- 12+00 LT	-Y2- 27+00 LT	1,290				1,290	379		379	455	0	0	835	0	835
		0							0	0	0	0	0	0	0
	SUMMARY 5 SUBTOTAL	1,290	0	0	0	1,290	379	0	379	454	0	0	835	0	835
SUMMARY NO. 6 (PHASE 2)															
-Y2- 12+00 RT	-Y2- 27+00 RT	1,629				1,629	1,490		1,490	1,788	159	0	0	0	0
		0							0	0	0	0	0	0	0
	SUMMARY 6 SUBTOTAL	1,629	0	0	0	1,629	1,490	0	1,490	1,788	159	0	0	0	0
1															
TOTAL		34,074	7,025	3,763	5,950	21,099	7,902	0	7,902	9,481	1,857	0	20,499	9,713	30,212
LOSS DUE TO CLEARING & GRUBBING		-1,200				-1,200	0			0	0		-1,200		-1,200
ADDITIONAL UNDERCUT		0		1,500			1,500		1,500	1,800	1,800			1,500	1,500
ROCK WASTE TO REPLACE BORROW								0	0		0	0			0
ADJUST FOR ROCK WASTE										0	0				0
WASTE IN LIEU OF BORROW		0					0				-3,657		-3,657		-3,657
PROJECT TOTAL		32,874	7,025	5,263	5,950	19,899	9,402	0	9,402	11,281	0	0	15,642	11,213	26,855
GRAND TOTAL		32,874	7,025	5,263	5,950	19,899	9,402	0	9,402	11,281	0	0	15,642	11,213	26,855
SAY		32,900		5,300							0				

NOTE: EARTHWORK QUANTITIES ARE CALCULATED BY LOCHNER. THESE EARTHWORK QUANTITIES ARE BASED IN PART ON SUBSURFACE DATA PROVIDED BY FALCON

EST. DDE = 60 CUBIC YARDS
EST. SHALLOW UNDERCUT = 100 CY
EST. SHOULDER BORROW = 200 CY

PER GEOTECH RECOMMENDATION, ESTIMATED 5,650 CUBIC YARDS OF SELECT GRANULAR MATERIAL TO BE USED IN THE DISCRETION OF THE RESIDENT ENGINEER.