## **Earthwork Balance Sheet**

Volumes in Cubic Yards

PROJECT: HE-0002 COUNTY: Wake DATE: 4/1/2025 COMPILED BY: K. Sabo SHEET 1 OF 1 SHEETS

STATION STATION	EXCAVATION					EMBANKMENT					WASTE			
	TOTAL	ROCK	UNDERCUT			TOTAL	ROCK	EARTH	EMBANK.	BORROW	ROCK	SUITABLE	UNSUIT.	TOTAL
-L- 11+00.00 -L- 40+00.00	5,754			UNCLASS.	5,754	28,686	+25%	28,686	+20% 34,423	28,669				
-L- 11+00.00 -L- 40+00.00 -Y1- 12+42.82 -Y1- 17+50.00	473				473	2,180		2,180	2,616	2,143				
-11-12-72.02 -11-17-30.00	473				773	2,100		2,100	2,010	2,143				
SUBTOTAL	6,227				6,227	30,866		30,866	37,039	30,812				
-L- 40+00.00 -L- 59+61.75	25,913	12,000			13,913	16,720	12,000	1,720	14,064			11,849		11,849
-L- 39101./3	23,913	12,000			13,913	10,720	12,000	1,720	14,004			11,047		11,049
SUBTOTAL	25,913	12,000			13,913	16,720	12,000	1,720	14,064			11,849		11,849
							-							
SUBTOTAL														
SUBTOTAL														
TOTAL	32,140	12,000			20,140	47,586	12,000	32,586	51,103	30,812		11,849		11,849
MATERIAL FOR SHOULDER CONSTRUCTION LOSS DUE TO CLEARING & GRUBBING	-4,000				-4,000	770		770	924	924 4,000				
ADJUSTMENT FOR 'ORD' DITCH CALC. REMOVAL	-1,070				-1,070					1,070				
WASTE IN LIEU OF BORROW										-11,849		-11,849		-11,849
PROJECT TOTAL	27,070	12,000			15,070	48,356	12,000	33,356	52,027	24,957				
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT										1,248				
GRAND TOTAL	27,070	12,000			15,070	48,356	12,000	33,356	52,027	26,205				
SAY	27,500									26,500				

NOTE: EARTHWORK QUANTITIES ARE CALCULATED BY THE ENGINEER. THESE EARTHWORK QUANTITIES ARE BASED IN PART ON SUBSURFACE DATA PROVIDED BY SCHNABEL ENGINEERING.

EST. DDE = 1,570 CUBIC YARDS

EST. SHALLOW UNDERCUT (CONTINGENCY) = 1,200 CUBIC YARDS

EST. UNDERCUT EXCAVATION (CONTINGENCY) = 4,000 CUBIC YARDS

UNCLASSIFIED EXCAVATION - ACCEPTABLE, BUT NOT TO BE USED IN TOP 3' OF EMBANKMENT OR BACKFILL: -L- 15+25 TO 18+25 (700 CY), -L- 41+75 TO 44+75 (1,000 CY), -L- 52+75 TO 58+25 - ACCEPTABLE DEGRADABLE ROCK (12,000 CY) PER GEOTECH TOTAL UNCLASSIFIED EXCAVATION - ACCEPTABLE = (13,700 CY)