Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: U-5746 COUNTY: Wake DATE: 6/25/2024 COMPILED BY: HDR SHEET__ OF __ SHEETS

STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE			
		TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. +25%		ROCK	SUITABLE	UNSUIT.	TOTAL
-L- RT Sta. 12+28.24	-L- RT Sta. 27+31.02	2,555				2,555	168		168	210			2,345		2,345
	SUBTOTAL	2,555				2,555	168		168	210			2,345		2,345
-L- LT Sta. 12+08.22	-L- LT Sta. 38+00.00	2,872				2,872	1,653		1,653	2,066			806		806
-Y3- Sta. 10+50.00	-Y3- Sta. 12+00.00	14				14	71		71	89	75				
-Y6- Sta. 18+96.18	-Y6- Sta. 21+00.00	57				57	212		212	265	208				
	SUBTOTAL	2,943				2,943	1,936		1,936	2,420	283		806		806
-L- MED Sta. 12+08.22	-L- MED Sta. 38+00.00	1,634				1,634	720		720	900			734		734
-L- MED Sta. 39+02.90	-L- MED Sta. 45+78.48	360				360							360		360
	SUBTOTAL	1,994				1,994	720		720	900			1,094		1,094
	SUBTOTAL														
TOTAL		7,492				7,492	2,824		2,824	3,530	283		4,245		4,245
WASTE IN LIEU OF BORROW											-283		-283		-283
PROJECT TOTAL		7,492				7,492	2,824		2,824	3,530			3,962		3,962
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT															
GRAND TOTAL		7,492				7,492	2,824		2,824	3,530			3,962		3,962
SAY		7,600													

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

EST. DDE = 20 CY
SHOULDER BORROW = 1,250 CUBIC YARDS
EST. SHALLOW UNDERCUT = 200 CUBIC YARDS
CLASS IV SUBGRADE STABILIZATION = 100 TONS
EST. UNDERCUT = 450 CUBIC YARDS