

EARTHWORK BALANCE CARD

Volumes in Cubic Yards

PROJECT: 17BP.9.R.83 Stokes 286

COUNTY: Stokes

DATE: January 21, 2025

LINE	STATION	STATION	TOTAL EXCAV. (UNCL.)	ROCK EXCAV.	UNDERCUT	UNSUIT. EXCAV.	SUITABLE EXCAV.	TOTAL EMB.	ROCK EMB.	EARTH EMB.	EMBANK. +15%	BORROW	SUITABLE WASTE	UNSUIT. WASTE	TOTAL WASTE
-L-	10+50.00	23+03.21	12233				12233	12458		12458	14327	2094			
-L-	24+95.80	36+00.00	31458				31458	7165		7165	8240		23218		23218
-Y-	10+25.00	13+00.00	2867				2867	322		322	370		2497		2497
-Y1-	10+50.00	12+25.00	32				32	58		58	67	35			
SUBTOTAL			46590				46590	20003		20003	23004	2129	25715		25715
WASTE IN LIEU OF BORROW												-2129	-2129		-2129
TOTAL			46590										23586		23586
5% TO REPLACE BORROW															
GRAND TOTAL			46590										23586		23586
SAY			48,930												

EST. DDE = 2,475 CY

EST. SHOULDER BORROW = 1540 CY

EST. SHALLOW UNDERCUT = 100 CY

EST. CLASS IV SUBGRADE STABILIZATION = 200 TONS

PER GEOTECH RECOMMENDATIONS, ESTIMATE 1,600 CY OF UNDERCUT TO BE USED AT THE DISCRETION OF THE RESIDENT ENGINEER