

Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: B-5614

COUNTY: Beaufort

DATE: 4/2/2024

COMPILED BY: Michael Burns, PE

SHEET 1 OF 1

STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE			
		TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. +30%		ROCK	SUITABLE	UNSUIT.	TOTAL
-L- Sta. 11+00.00	-L- Sta. 17+75.13 (BR)	61		1,700		61	5,743		5,743	7,466	7,405			1,700	1,700
-DRIVE- Sta. 10+10.00	-DRIVE- Sta. 11+95.00	0		500		0	588		588	764	764			500	500
	SUBTOTAL	61		2,200		61	6,331		6,331	8,230	8,169			2,200	2,200
-L- Sta. 27+38.88 (BR)	-L- Sta. 32+00.00	130		200		130	383		383	498	368			200	200
-Y1- Sta. 10+10.00	-Y1- Sta. 12+50.00	22				22	228		228	296	274				
	SUBTOTAL	152		200		152	611		611	794	642			200	200
TOTAL		213		2,400		213	6,942		6,942	9,024	8,811			2,400	2,400
MATERIAL FOR SHOULDER CONSTRUCTION							300		300	390	390				
LOSS DUE TO CLEARING AND GRUBBING															
ADDITIONAL UNDERCUT				900										900	900
ROCK WASTE TO REPLACE BORROW															
ADJUST FOR ROCK WASTE															
WASTE IN LIEU OF BORROW															
PROJECT TOTAL		213		3,300		213	7,242		7,242	9,414	9,201			3,300	3,300
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT											460				
GRAND TOTAL		213		3,300							9,661			3,300	3,300
SAY (5%)		225		3,300							10,145				

NOTE: EARTHWORK QUANTITIES ARE CALCULATED BY THE ROADWAYD ESIGNER. THESE EARTHWORK QUANTITIES ARE BASED IN PART ON SUBSURFACE DATA PROVIDED BY THE GEOTECHNICAL ENGINEERING UNIT.

ES.T DDE = 10 CY