

Earthwork Balance Sheet

0.2

Volumes in Cubic Yards

PROJECT: BR-0070

COUNTY: Caswell

DATE: 6/22/2022

COMPILED BY: Joshua Roemer

SHEET 1 OF 1 SHEETS

STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE				
		TOTAL UNCLASS.	ROCK	UNDERCUT	UNUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. +%		ROCK	SUITABLE	UNUIT.	TOTAL	
PHASE 1																
-L- Sta. 13+00.00	-L- Sta. 20+50.00	8,763				8,763	1,731		1,731	2,077			6,686			6,686
-L- Sta. 40+50.00	-L- Sta. 48+00.00	11,339				11,339	262		262	314			11,025			11,025
-L- Sta. 20+50.00	-L- Sta. 29+13.08 (BR)	4,574				4,574	17,687		17,687	21,224	16,650					
-L- Sta. 32+01.08 (BR)	-L- Sta. 40+50.00	973				973	25,631		25,631	30,757	29,784					
	SUBTOTAL	25,649				25,649	45,311		45,311	54,372	46,434		17,711			17,711
PHASE 2																
-L- Sta. 20+50.00	-L- Sta. 29+13.08 (BR)	348				348							348			348
-L- Sta. 32+01.08 (BR)	-L- Sta. 40+50.00	414				414							414			414
	SUBTOTAL	762				762							762			762
	TOTAL	26,411				26,411	45,311		45,311	54,372	46,434		18,473			18,473
MATERIAL FOR SHOULDER CONSTRUCTION							1,000		1,000	1,200	1,200					
WASTE IN LIEU OF BORROW											-17,711		-17,711			-17,711
	PROJECT TOTAL	26,411				26,411	46,311		46,311	55,572	29,923		762			762
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT											1,496					
	GRAND TOTAL	26,411									31,419		762			762
	SAY (5%)	27,730									32,990					

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 = 160 CUBIC YARDS

EST. GEOTEXTILE FOR SOIL STABILIZATION = 200 SQUARE YARDS

EST. SELECT GRANULAR MATERIAL = 400 CUBIC YARDS

EST. ADDITIONAL UNDERCUT = 450 CUBIC YARDS