

# Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: BR-0046

COUNTY: Sampson

DATE: 6/24/2020

COMPILED BY: JDG

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
-DET- 10+00.00	-DET- 17+30.00 (BB)	19				19	2,985		2,985	3,731	3,712				
-DET- 19+12.00 (EB)	-DET- 25+39.61	28				28	4,567		4,567	5,709	5,681				
-L- 20+00.00	-L- 23+50.00 (BB)	382				382	460		460	575	193				
-L- 25+10.00 (EB)	-L- 27+00.00	17				17	856		856	1,070	1,053				
-DR- 10+15.00	-DR- 11+29.75						508		508	635	635				
	<b>SUBTOTAL</b>	446				446	9,376		9,376	11,720	11,274				
Detour Removal															
-L- 16+06.26	-L- 23+41.85 (BB)	3,315				3,315								3,315	3,315
-L- 25+15.85 (EB)	-L-31+50.00	4,498				4,498								4,498	4,498
-DR- 10+50.00	-DR- 11+76.23	127				127								127	127
	<b>SUBTOTAL</b>	7,940				7,940								7,940	7,940
	<b>TOTAL</b>	8,386				8,386	9,376		9,376	11,720	11,274			7,940	7,940
	<b>PROJECT TOTAL</b>	8,386				8,386	9,376		9,376	11,720	11,274			7,940	7,940
	EST. 5% TO REPLACE TOP SOIL ON BORROW PIT										564				
	<b>GRAND TOTAL</b>					8,386	9,376		9,376	11,720	11,838			7,940	7,940
	<b>SAY</b>					9,000					12,000				

EST. DDE = 90 CUBIC YARDS

PER GEOTECH RECOMMENDATION, ESTIMATED 300 CUBIC YARDS OF UNDERCUT TO BE USED IN THE DISCRETION OF THE RESIDENT ENGINEER.

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.