

Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: B-5810

COUNTY: Cabarrus

DATE: 2/23/2022

COMPILED BY: DSM

SHEET OF SHEETS

STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE			
		TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. +20%		ROCK	SUITABLE	UNSUIT.	TOTAL
-L- 16+60.00	-L- 20+57.00 (BRIDGE)	184				184	815		815	978	794				
-L- 25+78.00 (BRIDGE)	-L- 28+25.00	191				191	161		161	193	2				
SUBTOTAL		375				375	976		976	1,171	796				
-XL- 13+04.93	-XL- 16+70.60	203				203	276		276	331	128				
-XL- 29+54.69	-XL- 31+95.29	89				89	143		143	172	83				
SUBTOTAL		292				292	419		419	502	210				
-XL- 13+04.93	-XL- 16+70.60	358				358	130		130	156			202		202
(REMOVAL)															
-XL- 29+54.69	-XL- 31+95.29	186				186	40		40	48			138		138
(REMOVAL)															
SUBTOTAL		544				544	170		170	204			340		340
SUBTOTAL															
TOTAL		1,211				1,211	1,565		1,565	1,877	1,006		340		340
MATERIAL FOR SHOULDER CONSTRUCTION							280		280	336	336				
WASTE IN LIEU OF BORROW											-340		-340		-340
PROJECT TOTAL		1,211				1,211	1,845		1,845	2,213	1,002				
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT											50				
GRAND TOTAL		1,211				1,211	1,845		1,845	2,213	1,052				
SAY		1,250									1,100				

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

EST. DDE = 10 CY
 CONTINGENCY UNDERCUT = 450 CY
 CONTINGENCY SELECT GRANULAR MATERIAL = 400 CY
 TOTAL SHALLOW UNDERCUT = 100 CY