

Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: BR-0160

COUNTY: Brunswick

DATE: 2/16/2023

COMPILED BY: JMB

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
-L- 13+00.00	-L- 18+88.31 (BEGIN BRIDGE)	720				720	2,177		2,177	2,721	2,001				
-L- 24+66.69 (END BRIDGE)	-L- 29+50.00	1,152				1,152	727	727	909				243		243
	SUBTOTAL	1,872				1,872	2,904	2,904	3,630	2,001			243		243
CAUSEWAY REMOVAL-L- 21+50.00	-L- 24+65.00	4,790			150	4,640							4,640	150	4,790
	SUBTOTAL	4,790			150	4,640							4,640	150	4,790
	SUBTOTAL														
	SUBTOTAL														
	TOTAL	6,662			150	6,512	2,904	2,904	3,630	2,001			4,883	150	5,033
MATERIAL FOR SHOULDER CONSTRUCTION															
LOSS DUE TO CLEARING & GRUBBING															
ADDITIONAL UNDERCUT															
ROCK WASTE TO REPLACE BORROW															
ADJUST FOR ROCK WASTE															
WASTE IN LIEU OF BORROW										-2,001			-2,001		-2,001
	PROJECT TOTAL	6,662			150	6,512	2,904	2,904	3,630				2,882	150	3,032
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT															
	GRAND TOTAL	6,662			150	6,512	2,904	2,904	3,630				2,882	150	3,032
	SAY	6,700													

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. SHOULDER BORROW = 160 CY
EST. UNDERCUT = 300 CY PER GEOTECH RECOMMENDATIONS DATED 5/11/2022