

Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: B-5662

COUNTY: Halifax

DATE: 8/16/2019

COMPILED BY: TTC

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		
PHASE 1 (DET)																	
-DET- 11+18.79	-DET- 15+20.00	17				17	3,034		3,034	3,793	3,776						
-DET- 16+10.00	-DET-19+34.87	41				41	1,668		1,668	2,085	2,044						
PHASE 1 (DET)	SUBTOTAL	58				58	4,702		4,702	5,878	5,820						
PHASE 2 (L)																	
-L- 10+00.00	-L- 15+06.00	27				27	2,988		2,988	3,735	3,708						
-L- 16+16.00	-L- 20+40.14	4				4	1,297		1,297	1,621	1,617						
PHASE 2 (L)	SUBTOTAL	31				31	4,285		4,285	5,356	5,325						
PHASE 3 (DET REMOVAL)																	
-L- 12+00.00	-L- 15+06.00	1,632				1,632								1,632			1,632
-L- 16+16.00	-L- 18+50.00	1,246				1,246								1,246			1,246
PHASE 3 (DET REMOVAL)	SUBTOTAL	2,878				2,878								2,878			2,878
SUBTOTAL																	
TOTAL		2,967				2,967	8,987		8,987	11,234	11,145			2,878			2,878
PROJECT TOTAL		2,967				2,967	8,987		8,987	11,234	11,145			2,878			2,878
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT											557						
GRAND TOTAL		2,967				2,967	8,987		8,987	11,234	11,702			2,878			2,878
SAY		3,000				3,000					11,800			2,900			2,900
PER GEOTECH RECOMMENDATION, ESTIMATED 300 CUBIC YARDS OF UNDERCUT																	
PER GEOTECH RECOMMENDATION, ESTIMATED 300 CUBIC YARDS OF SELECT GRANULAR MATERIAL																	

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