

Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: BR-0026

COUNTY: Johnston

DATE: 12/12/22

COMPILED BY: KTB

STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE					
		TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. +25%		ROCK	SUITABLE	UNSUIT.	TOTAL		
-L- 15+95	-L- 20+15 (Beg. Bridge)	337				337	2249		2249	2811	2474						
	SUBTOTAL	337				337	2249		2249	2811	2474						
-L- 21+75 (End. Bridge)	-L-24+60	1				1	2862		2862	3578	3577						
	SUBTOTAL	1				1	2862		2862	3578	3577						
TOTAL		338				338	5,111		5,111	6,389	6,051						
MATERIAL FOR SHOULDER CONSTRUCTION																	
LOSS DUE TO CLEARING & GRUBBING																	
ADDITIONAL UNDERCUT																	
ROCK WASTE TO REPLACE BORROW																	
ADJUST FOR ROCK WASTE																	
BORROW IN LIEU OF WASTE																	
PROJECT TOTAL		338				338	5,111		5,102	6,389	6,051						
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT											303						
GRAND TOTAL		338					5,111		5,102	6,400	6,353						
SAY		350									6,400						
CONTINGENCY ITEMS:																	
INCIDENTAL STONE= 25 TONS																	
UNDERCUT EXCAVATION = 300 CY																	
SELECT GRANULAR MATERIAL = 300 CY																	
CLASS IV SUBGRADE STABILIZATION = 200 TONS																	
GEOTEXTILE FOR SOIL STABILIZATION = 600 SY																	
SHALLOW UNDERCUT = 100 CY																	

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