

Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: BR-0153

COUNTY: Bertie

DATE: 10/10/2024

COMPILED BY: ES

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 I - EARTHWORK (BUILD DETOUR)															
-LDET- STA. 12+49.97	-LDET- STA. 18+91.00	306				306	2,590		2,590	3,238	2,932				
-LDET- STA. 19+91.00	-LDET- STA. 27+99.73	193				193	1,726		1,726	2,158	1,965				
	SUBTOTAL	499				499	4,316		4,316	5,395	4,896				
PHASE II - EARTHWORK (BUILD MAINLINE)															
-L- STA. 15+00.00	-L- STA.26+18.00	511				511	2,865		2,865	3,581	3,070				
-L- STA. 27+48.00	-L- STA. 40+00.00	260				260	4,412		4,412	5,515	5,255				
	SUBTOTAL	771				771	7,277		7,277	9,096	8,325				
PHASE III - EARTHWORK (REMOVE DETOUR)															
-L- STA. 15+00.00	-L- STA.26+45.04	973				973	309		309	386			587		587
-L- STA. 27+45.04	-L- STA. 40+00.00	687				687	561		561	701	14				
ADDITIONAL DETOUR EXCAVATION (DETAIL 2)		767				767	5		5	6			760		760
	SUBTOTAL	2,426				2,426	875		875	1,093	14		1,347		1,347
	SUBTOTAL														
TOTAL		3,696				3,696	12,468		12,468	15,584	13,235		1,347		1,347
MATERIAL FOR SHOULDER CONSTRUCTION							1,020		1,020	1,275	1,275				
WASTE IN LIEU OF BORROW											-14		-14		-14
PROJECT TOTAL		3,696				3,696	13,488		13,488	16,859	14,496		1,333		1,333
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT											725				
GRAND TOTAL		3,696				3,696	13,488		13,488	16,859	15,221		1,333		1,333
SAY		3,800									15,300				

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.

UNDERCUT EXCAVATION (CONTINGENCY) = 300 CY
SELECT GRANULAR MATERIAL (CONTINGENCY) = 300 CY