

Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT B-4593

COUNTY: Pamlico

DATE: 3/12/2019

COMPILED BY: SSL

SHEET __ OF __ SHEETS

STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE			
		TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. +30%		ROCK	SUITABLE	UNSUIT.	TOTAL
-L- STA. 11+00	-L- STA. 16+22	29				29	828		828	1,076	1,047				
-L- STA. 17+82	-L- STA. 26+00	52				52	1,238		1,238	1,609	1,557				
	SUBTOTAL	81				81	2,066		2,066	2,685	2,604				
(DET) -L- STA. 11+54.39	(DET) -L- STA. 16+32.21	7				7	2,619		2,619	3,405	3,398				
(DET) -L- STA. 17+72.21	(DET) -L- STA. 25+23.51	15				15	2,843		2,843	3,696	3,681				
	SUBTOTAL	22				22	5,462		5,462	7,101	7,079				
(DETREM) -L- STA. 12+00	(DETREM) -L- STA. 23+00	6,221				6,221							6,221		6,221
	SUBTOTAL	6,221				6,221							6,221		6,221
	SUBTOTAL														
	SUBTOTAL														
	SUBTOTAL														
	SUBTOTAL														
	SHEET TOTAL	6,324				6,324	7,528		7,528	9,786	9,683		6,221		6,221

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.

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STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE			
		TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. +30%		ROCK	SUITABLE	UNSUIT.	TOTAL
	TOTAL FROM SHEET 1	6324				6324	7528		7528	9786	9683		6221		6221
	TOTAL FROM SHEET 2														
	TOTAL FROM SHEET 3														
	TOTAL FROM SHEET 4														
	TOTAL FROM SHEET 5														
TOTAL															
		6,324				6,324	7,528		7,528	9,786	9,683		6,221		6,221
	MATERIAL FOR SHOULDER CONSTRUCTION LOSS DUE TO CLEARING & GRUBBING														
	ADDITIONAL UNDERCUT														
	ROCK WASTE TO REPLACE BORROW														
	ADJUST FOR SLELCT MATERIAL IN PLACE OF BORROW WASTE IN LIEU OF BORROW								-350		-350				
	PROJECT TOTAL	6,324				6,324	7,528		7,528	9,436	9,333		6,221		6,221
	EST. 5% TO REPLACE TOP SOIL ON BORROW PIT										467				
	GRAND TOTAL	6,324				6,324	7,528		7,528	9,436	9,800		6,221		6,221
	SAY	6,400									9,900				6,300
	CONTINGENCY UNDERCUT = 300 CY														
	SELECT GRANULAR MATERIAL (CONTINGENCY) = 300 CY														
	SELECT GRANULAR MATERIAL (VARIES) = 350 CY														
	GEOTEXTILE FOR SOIL STABILIZATION (CONTINGENCY) = 300 SY														
	CONTINGENCY SHALLOW UNDERCUT = CY														

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