

Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: U-5826

COUNTY: Wake

DATE: 12/3/2018

COMPILED BY: SLR

SHEET 1 OF 1 SHEET

STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE			
		TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. +20%		ROCK	SUITABLE	UNSUIT.	TOTAL
-L-, LT STA. 13+00.00	STA. 21+18.17	59				59	791		791	949	890				
-L-, LT STA. 24+04.67	STA. 76+75.00	1,312				1,312	2,965		2,965	3,558	2,246				
-L-, RT STA. 13+00.00	STA. 21+18.17	514				514	991		991	1,189	675				
-L-, RT STA. 24+04.67	STA. 76+75.00	2,233				2,233	3,529		3,529	4,235	2,002				
	SUBTOTAL	4,118				4,118	8,276		8,276	9,931	5,813				
-Y5-, STA. 10+36.76	STA. 13+00.00	27				27	514		514	617	590				
-Y10-, STA. 10+44.35	STA. 12+36.31	251				251	155		155	186			65		65
-RPC- STA. 15+26.43	STA. 22+47.70	2,541				2,541	435		435	522			2,019		2,019
	SUBTOTAL	2,819				2,819	1,104		1,104	1,325	590		2,084		2,084
	SUBTOTAL														
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	TOTAL	6,937				6,937	9,380		9,380	11,256	6,403		2,084		2,084
MATERIAL FOR SHOULDER CONSTRUCTION							140		140	168	168				
WASTE IN LIEU OF BORROW											-2,084		-2,084		-2,084
PROJECT TOTAL		6,937				6,937	9,520		9,520	11,424	4,487				
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT											224				
GRAND TOTAL		6,937				6,937	9,520		9,520	11,424	4,711				
SAY		6,950									4,750				
SHALLOW UNDERCUT = 1,100 CY															
CLASS IV SUBGRADE STABILIZATION = 2,200 TONS															

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.