

Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: P-5715

COUNTY: Wake

DATE: 4/18/2019

COMPILED BY: CSM

SHEET 1 OF 1 SHEETS

STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE					
		TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. +20%		ROCK	SUITABLE	UNSUIT.	TOTAL		
-L- LT11+10.00	13+00.00	216				216	6		6	7				209			209
-L- LT13+00.00	20+48.37	46				46	29,214		29,214	35,057	35,011						
-Y1-10+43.58	13+50.00	33				33	2,662		2,662	3,194	3,161						
	SUBTOTAL	294				294	31,882		31,882	38,258	38,172			209			209
-L- LT21+71.12	28+00.00	6				6	19,778		19,778	23,734	23,727						
-L- LT28+00.00	31+55.00	281				281	19		19	23				258			258
-DRWY1-10+32.74	13+15.09	452				452	4,654		4,654	5,585	5,133						
-DRWY2-10+32.50	11+43.15	29				29	146		146	175	146						
-DRWY3-10+32.77	10+65.00	6				6	6		6	7	1						
-DRWYTMP2-10+18.00	11+25.43	48				48	1		1	1				47			47
	SUBTOTAL	822				822	24,604		24,604	29,525	29,007			305			305
-L- RT11+10.00	13+00.00	244				244	4		4	5				239			239
-L- RT13+00.00	20+48.37	28				28	22,909		22,909	27,490	27,462						
-Y2-14+25.00	20+29.39	48				48	31,948		31,948	38,337	38,289						
-DRWY5-10+11.00	10+78.00	9				9	64		64	77	68						
	SUBTOTAL	328				328	54,924		54,924	65,909	65,819			238			238
-L- RT21+72.12	28+00.00	6				6	22,674		22,674	27,209	27,203						
-L- RT28+00.00	31+55.00	113				113	508		508	609	497						
-DRWY4-10+00.00	11+47.00	4				4	1,003		1,003	1,204	1,200						
	SUBTOTAL	122				122	24,184		24,184	29,021	28,899						
	TOTAL	1,566				1,566	135,594		135,594	162,713	161,897			751			751
MATERIAL FOR SHOULDER CONSTRUCTION							15		15	19	19						
LOSS DUE TO CLEARING & GRUBBING		-350				-350					350						
WASTE IN LIEU OF BORROW											-751			-751			-751
	PROJECT TOTAL	1,216				1,216	135,609		135,609	162,731	161,514						
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT											8,076						
	GRAND TOTAL	1,216				1,216	135,609		135,609	162,731	169,590						
	SAY	1,400									175,000						

NOTE: EARTHWORK QUANTITIES ARE CALCULATED BY STANTEC. THESE EARTHWORK QUANTITIES ARE BASED IN PART ON SUBSURFACE DATA PROVIDED BY THE FALCON GEOTECHNICAL ENGINEERING FIRM.

EST. SHALLOW UNDERCUT = 100 CY
 EST. UNDERCUT = 1,450 CY
 EST. DDE = 1,474 CY