

Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: B-4654

COUNTY: Wake

DATE: 3/4/2019

COMPILED BY: Morgan Foster

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
PHASE I															
-L- 13+30.00 LT	21+83.80 (BRIDGE) LT	100				100	2,121		2,121	2,546	2,446	0	0	0	0
-L- 23+66.80 (BRIDGE) LT	27+08.00 LT	0				0	6,288		6,288	7,545	7,545	0	0	0	0
-Y1- 25+90.00 LT	26+95.00 LT	243				243	55		55	66	0	0	177	0	177
-Y1- 26+40.60 RT	27+85.00 RT	204				204	0		0	0	0	0	204	0	204
-Y1- 26+40.60 MED	27+36.00 MED	165				165	39		39	47	0	0	118	0	118
-Y2- 11+45.00	12+79.34	0				0	129		129	155	155	0	0	0	0
	SUBTOTAL	712	0	0	0	712	8,632	0	8,632	10,358	10,146	0	499	0	499
	PHASE I - TOTAL	712				712				10,358	9,647		0		0
PHASE II															
-Y1- 22+04.05 LT	25+90.00 LT	527				527	183		183	220	0	0	307	0	307
-LPB- 12+50.00	14+00.00	1,942				1,942	24		24	29	0	0	1,913	0	1,913
-RPB- 10+30.00	15+05.43	1,966				1,966	61		61	73	0	0	1,893	0	1,893
-RPC- 11+60.00	14+04.96	5				5	228		228	274	269	0	0	0	0
-Y3- 10+50.74	11+50.00	93				93	7		7	9	0	0	84	0	84
	SUBTOTAL	4,533	0	0	0	4,533	504	0	504	605	269	0	4,197	0	4,197
	PHASE II TOTAL	4,533				4,533				605	0		3,928		3,928
PHASE III															
-L- 14+10.00 RT	21+83.80 (BRIDGE) RT	433				433	967		967	1,160	727	0	0	0	0
-L- 23+66.80 (BRIDGE) RT	27+08.00 RT	56				56	1,868		1,868	2,242	2,185	0	0	0	0
-L- 27+08.00	35+17.00	359				359	468		468	561	202	0	0	0	0
-Y1- 26+95.00 LT	31+00.00 LT	1,256				1,256	50		50	60	0	0	1,196	0	1,196
-Y1- 27+36.00 MED	27+95.85 MED	17				17	19		19	23	6	0	0	0	0
-Y1- 27+85.00 RT	28+58.31 RT	16				16	4		4	5	0	0	11	0	11
-RPD- 11+20.00	13+15.96	439				439	7		7	9	0	0	430	0	430
-DW1- 10+20.04	10+95.04	10				10	28		28	33	23	0	0	0	0
-DW2- 10+11.75	11+75.28	64				64	47		47	56	0	0	7	0	7
-DW3- 10+20.00	11+05.00	140				140	0		0	0	0	0	140	0	140
	SUBTOTAL	2,791	0	0	0	2,791	3,458	0	3,458	4,150	3,143	0	1,784	0	1,784
	PHASE III TOTAL	2,791				2,791				4,150	1,359		0		0
TOTAL		8,035	0	0	0	8,035	12,594	0	12,594	15,112	11,005	0	3,928	0	3,928
MATERIAL FOR SHOULDER CONSTRUCTION							810		810	972	972				0
LOSS DUE TO CLEARING & GRUBBING		0				0	0		0	0	0		0		0
ADDITIONAL UNDERCUT		0				0	0		0	0	0			0	0
ROCK WASTE TO REPLACE BORROW								0	0		0	0			0
ADJUST FOR ROCK WASTE										0	0				0
WASTE IN LIEU OF BORROW											0				0
PROJECT TOTAL		8,035	0	0	0	8,035	13,403	0	13,403	16,084	11,977	0	3,928	0	3,928
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT											599				
GRAND TOTAL			0	0	0	8,035	13,403	0	13,403	16,084	12,576	0	3,928	0	3,928
SAY						8,100					12,600				

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.