

Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: R-2707B

COUNTY: Cleveland

DATE: 2/18/2014

COMPILED BY: HNTB

SHEET 2 OF 3 SHEETS

LINE	STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE				
			TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. +15%		ROCK	SUITABLE	UNSUIT.	TOTAL	
-L-	209+00	215+00	93,538				93,538	47		47	54			93,484			93,484
5" ADJ MATERIAL FOR GRADING								2,784		2,784	3,202	3,202					
SUBTOTAL			93,538				93,538	2,831		2,831	3,256	3,202		93,484			93,484
-L-	215+00	252+00	40,788				40,788	561,593		561,593	645,832	605,044					
-RPB-	15+50	26+50	809				809	50,532		50,532	58,112	57,303					
-LPB-	13+00	17+50	953				953	14,577		14,577	16,764	15,811					
-RPC-	15+00	32+00	540				540	55,356		55,356	63,659	63,119					
-LPC-	12+50	18+00	17				17	19,006		19,006	21,857	21,840					
-Y2-	10+11.37	20+05.61	904				904	1,001		1,001	1,151	247					
-Y7-	14+50	35+00.00	2,851				2,851	10,955		10,955	12,598	9,747					
-DRIVE1-	10+50	14+50	484				484	26		26	30		454				454
-DRIVE3-	10+50	14+50	93				93	223		223	256	163					
5" ADJ MATERIAL FOR GRADING								13,759		13,759	15,823	15,823					
SUBTOTAL			47,439				47,439	727,028		727,028	836,082	789,097		454			454
-L-	253+00	283+00	93,185				93,185	301,992		301,992	347,291	254,106					
5" ADJ MATERIAL FOR GRADING								10,396		10,396	11,955	11,955					
SUBTOTAL			93,185				93,185	312,388		312,388	359,246	266,061					
-L-	283+00	313+00	507,237	6,250			500,987	68,220	6,250	60,408	75,719		431,518				431,518
5" ADJ MATERIAL FOR GRADING								10,686		10,686	12,289	12,289					
SUBTOTAL			507,237	6,250			500,987	78,906	6,250	71,094	88,008	12,289	431,518				431,518
-L-	313+00	338+50	146,160		1,750		146,160	161,806		161,806	186,077	39,917			1,750		1,750
5" ADJ MATERIAL FOR GRADING								11,194		11,194	12,873	12,873					
SUBTOTAL			146,160		1,750		146,160	173,000		173,000	198,950	52,790			1,750		1,750
-L-	342+50	353+00	9,316				9,316	141,972		141,972	163,268	153,952					
5" ADJ MATERIAL FOR GRADING								3,557		3,557	4,091	4,091					
SUBTOTAL			9,316				9,316	145,529		145,529	167,358	158,042					
-L-	353+00	384+00	367,359	12,035			355,324	97,151	12,035	82,107	106,458		260,901				260,901
-DRIVE2-	10+50	14+50	199				199	71		71	82		117				117
-Y1-	11+90	27+00	2,589				2,589	7,043		7,043	8,099	5,510					
-Y1-	29+50	42+40	2,163				2,163	2,385		2,385	2,743	580					
-Y1DET-	10+00	29+50	1,468				1,468	12,051		12,051	13,859	12,391					
-RPA1-	0+00	20+50	57,196	307			56,889	2,395	307	2,011	2,620		54,576				54,576
-RPD1-	0+00	23+50	1,939				1,939	149,338		149,338	171,739	169,800					
-LPA1-	2+10	6+33.50	58,933	2,582			56,351						2,582	56,351			58,933
-LPD1-	2+41	7+65.75	16,941	353			16,588	19,659	353	19,218	22,453	5,512					
-Y17-	10+20	21+00	2,396				2,396	75,419		75,419	86,732	84,336					
-L- (BASIN)	364+00	365+50	2,050				2,050						2,050				2,050
-L- (BASIN)	379+00	381+90	5,250				5,250						5,250				5,250
5" ADJ MATERIAL FOR GRADING								8,797		8,797	10,117	10,117					
SUBTOTAL			518,483	15,277			503,206	374,309	12,695	358,440	424,901	288,245	2,582	379,245			381,827
PROJECT R-2707B TOTAL			1,415,358	21,527	1,750		1,393,831	1,813,991	18,945	1,790,310	2,077,801	1,569,727	2,582	904,702	1,750		909,034

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.

