

STATE OF VERMONT
AGENCY OF TRANSPORTATION

EARTHWORKS



										SUMMARY AND BALANCES																			
STATION		TOTAL EXCAVATION EARTH AND ROCK		ROCK EXCAVATION		EMBANKMENT				STATION		TOTAL EXCAVATION EARTH AND ROCK		ROCK EXCAVATION		EMBANKMENT				STATION TO STATION		TOTAL EXC. EARTH+ROCK	ROCK EXCAVATION	EMBANKMENT	EXCESSES		ACCUMULATIVE EXCESSES		
Km + m	m	AREA m ²	VOLUME m ³	AREA m ²	VOLUME m ³	AREA m ²	VOLUME m ³	AREA m ²	VOLUME m ³	Km + m	m	AREA m ²	VOLUME m ³	AREA m ²	VOLUME m ³	AREA m ²	VOLUME m ³	AREA m ²	VOLUME m ³	Km + m	Km + m	m ³	m ³	m ³	CUT	FILL	CUT	FILL	
HIGHGATE										1+500											1+000	1+500	1815.2	340.5					
1+003.156	9.84	39.0	152.0							2+000											1+500	2+000	4128.0	321.7					
+013	7	.9	3.2							+520	20	4.8	83.0								2+000	2+500	2816.0	0					
+020	15	0								+540	20	3.8	86.0								2+500	3+000	2909.0	0					
+035	5		10.0	0						+560	20	0.4	42.0								3+000	3+500	3767.0	0					
+040	20	1.0		2	0.5					+580	20	0.6	10.0								3+500	4+000	1646.0	0					
+060	10	13.1	141.0	52	54.0					+600	20	0.4	10.0								4+000	4+500	3007.0	123.1					
+070	10	23.5	183.0	13.2	92.0					+620	20	0.2	6.0								4+500	5+000	2330.0	0					
+080	10	19.7	216.0	12.8	130.0					+640	20	5.4	56.0	.1	15.4						5+000	5+500	3028.0	119.4					
+090	10		281.0	0	64.0					+654	20		161.0	2.1	6.3						5+500	6+000	2871.0	756.7					
+100	10	9.0								+660	20	10.7	0	0							6+000	6+500	1668.0	209.9					
+120	20	.1	91.0							+676	20		257.0	0							6+500	7+000	3209.0	210.0					
+140	20	0	1.0							+680	20	15.0	11.0	22.0							7+000	7+500	2387.0	0					
+160	20	0	0.0							+700	20	18.7	11.2	56.0							7+500	8+000	4854.0	0					
+180	20	.9	47.0							+710	20	6.8	0								8+000	8+500	3230.9	0					
+200	20	3.8	53.0							+720	20	0.6	74.0								8+500	9+000	3563.0	0					
+220	20	1.5	20.0							+740	20	0.6	12.0								9+000	14+840	5070.4	0					
+240	20	0.5	5.0							+760	20	0.6	14.0								14+840	15+034	1657.3	0					
+260	20	0	6.0							+780	20	0.8	63.0								15+034	16+000	1668.0	209.9					
+280	20	0.6	10.0							+800	20	5.5	136.0								16+000	7+000	3209.0	210.0					
+300	20	0.4	19.0							+820	20	8.1	99.0								7+000	7+500	2387.0	0					
+320	20	1.5	39.0							+840	20	1.8	22.0								7+500	8+000	4854.0	0					
+340	20	2.4	51.0							+860	20	0.4	111.0								8+000	8+500	3230.9	0					
+360	20	2.7	71.0							+880	20	10.7	311.0								8+500	9+000	3563.0	0					
+380	20	4.4	106.0							+900	20	20.4	458.0								9+000	9+500	3563.0	0					
+400	20	6.2	96.0							+920	20	25.4	489.0								9+500	10+000	3563.0	0					
+420	20	3.4	52.0							+940	20	23.5	443.0								10+000	10+500	3563.0	0					
+440	20	1.8	40.0							+960	20	20.8	369.0								10+500	11+000	3563.0	0					
+460	20	2.2	47.0							+980	20	15.7	228.0								11+000	11+500	3563.0	0					
+480	20	2.5	60.0							2+000											11+500	12+000	3563.0	0					
+500		3.5	1815.2		340.5																12+000	12+500	3563.0	0					

REMARKS

EARTH AND ROCK EXCAVATION
SOLID ROCK EXCAVATION
EARTH EXCAVATION

PLANIMETERED FILL
LESS FACTORED SOLID ROCK
LESS DISPLACEMENT OF ANY LARGE STRUCTURES
NET PLANIMETERED FILL
FACTOR
PLANIMETERED FILL INCLUDING FACTOR

MATERIALS AVAILABLE FOR FILLS
EARTH EXCAVATION
CHANNEL EXCAVATION
UNDERDRAIN EXCAVATION
STRUCTURE EXCAVATION

TOTAL MATERIAL AVAILABLE FOR FILL

TOTAL FILL INCLUDING FACTOR
TOTAL MATERIAL FOR FILL
BORROW
EXCESS EXCAVATION

PROJECT NAME: Highgate-Franklin
PROJECT NO.: ST-RS 0301(1)SA
DESIGN FILE NAME:
IPARM FILE NAME:
SURVEYED BY:
SQUAD LEADER:
PLOT DATE: 26-DEC-2006
SURVEY DATE:
DRAWN BY:
SHEET: 1 OF 7

WRP 02-13-07
EJR 8759.2
R 662.2

WRP 02-15-07