Plotting Parameters
Plotted By: $(_USTN_MACHINEID)
Design File: U:\8105044 (Franklin Co RSA)\Cadd\Aviation\Revision 1.dgn 02-20-08\earthworks she
Plotted: 2/21/2008 3:52:18 PM
Plot Config: $pltcfg$

Workspace
Discipline: $wrkuser$
Project: $wrkproj$
Node: $node$

STATE OF VERMONT
AGENCY OF TRANSPORTATION

EARTHWORKS

STATION	DIST	TOTAL EXCAVATION EARTH AND ROCK		ROCK EXCAVATION		EMBANKMENT			
		AREA	VOLUME	AREA	VOLUME	AREA	VOLUME	AREA	VOLUME
	FT.	S.F.	C.Y.	S.F.	C.Y.	S.F.	C.Y.	S.F.	C.Y.
Runway 19									
- 4+75		0		0		0			
	25		45		45		0		
- 4+50		98		98		0			
	25		118		118		0		
- 4+25		158		158		0			
	25		340		340		0		
- 4+00		577		577		0			
	25		799		799		0		
- 3+75		1148		1148		0			
	25		962		962		7		
- 3+50		930		930		15			
	25		724		724		597		
- 3+25		633		633		1275			
	25		477		477		2104		
- 3+00		397		397		3270			
	25		311		311		2735		
- 2+75		275		275		2638			
	25		221		221		2093		
- 2+50		203		203		1882			
	25		156		156		1354		
- 2+25		135		135		1043			
	25		189		143		670		
- 2+00		274		174		404			
	25		356		194		261		
- 1+75		494		244		159			
	25		396		211		106		
- 1+50		362		212		69			
	25		378		262		55		
- 1+25		455		355		50			
	25		296		250		41		
- 1+00		186		186		39			
	25		86		86		38		
- 0+75		0		0		43			
	25		0		0		43		
- 0+50		0		0		50			
	25		0		0		53		
- 0+25		0		0		0			
	25		0		0		63		
0+00		0		0		71		CUT	5854
	25		0		0		50	ROCK	5299
0+25		0		0		36		R.FAC	0.495
	25		0		0		17	FILL	10285
0+50		0		0		0		F.FAC	1.15
								EX. C	0
								EX. F	-3351
Subtotals (No factors)			5854		5299		10285		

SUMMARY AND BALANCES

STATION TO STATION		TOT EXC. EARTH & ROCK	ROCK EXCAV	EMBANK	EXCESSES		ACUMULATIVE EXCESSES	
		C.Y.	C.Y.	C.Y.	CUT	FILL	CUT	FILL
-4+75	0+50	5854	5299	10285		-3351		-3351
Totals		5854	5299	10285		-3351		-3351

REMARKS

EARTH AND ROCK EXCAVATION	5854
SOLID ROCK EXCAVATION	5299
EARTH EXCAVATION	555
PLANIMETERED FILL	10285
LESS FACTORED SOLID ROCK FOR EMBANKMENT (1.3) ⚠	6089
LESS FACTORED SOLID ROCK FOR ITEM 613.11 (1.3)	800
LESS DISPLACEMENT OF ANY LARGE STRUCTURES	0
NET PLANIMETERED FILL	3396
FACTOR	1.15
PLANIMETERED FILL INCLUDING FACTOR	3905
MATERIALS AVAILABLE FOR FILLS	
EARTH EXCAVATION	554
CHANNEL EXCAVATION	0
UNDERDRAIN EXCAVATION	0
STRUCTURE EXCAVATION	0
TOTAL MATERIAL AVAILABLE FOR FILL	554
TOTAL FILL INCLUDING FACTOR	3905
TOTAL MATERIAL FOR FILL	554
BORROW	-3351
EXCESS EXCAVATION	0

REV	DATE	BY
⚠	02/21/08	CKF

Stantec

PROJECT NAME: HIGHGATE
PROJECT NUMBER: AIR 04-3183

FILE NAME: EARTHWORK SHEET.DGN
PROJECT LEADER: M. CHURCHILL
DESIGNED BY: P. ENZIEN
EARTHWORK SHEET

PLOT DATE: 2/21/2008
DRAWN BY: J. OAKMAN
CHECKED BY: P. ENZIEN
SHEET 6 OF 27