STATE OF VERMONT
AGENCY OF TRANSPORTATION

EARTHWORKS

VTrans Metric

STATION km + m	DIST m	TOTAL EXCAVATION EARTH AND ROCK AREA m²	TOTAL EXCAVATION EARTH AND ROCK VOLUME m³	ROCK EXCAVATION AREA m²	ROCK EXCAVATION VOLUME m³	EMBANKMENT AREA m²	EMBANKMENT VOLUME m³	AREA m²	VOLUME m³
TH # 32									
20+004.3		0							
	57		4.0						
+010		1.4							
	10		21.0						
+020		2.8							
	10		18.0						
+030		.8							
	10		4.0						
+040		0							
TH # 24									
21+005.6		12.8		9.6					
	2.35		30.1		22.6				
+007.95		12.8		9.6					
	2.05		25.7		20.0				
+010		12.3		9.9					
	10		112.5		85.5				
+020		10.2		7.2					
	20		179.0		115.0				
+040		7.7		4.3					
	10		69.0		39.5				
+050		6.1		3.6					
	10		32.5						
+060		0.4							
TH # 15									
22+005.6		10.7		8.4					
	44		47.1		37.0				
+010		10.7		8.4					
	10		93.0		60.5				
+020		7.9		3.7					
	20		176.0		84.0				
+040		9.7		4.7					
	20		209.0		89.0				
+060		11.2		4.2					
	10		88.0		31.5				
+070		6.4		2.1					
	7		22.4						
+077		0							
TH # 25									
23+010		0							
	10		7.5						
+020		1.5							
	10		17.0						
+030		1.9							
	10		19.5						
+040		2.0							
	10		25.0						
+050		3.0							
	6		9.0						
+056		0							
			1209.3		584.6				

STATION km + m	DIST m	TOTAL EXCAVATION EARTH AND ROCK AREA m²	TOTAL EXCAVATION EARTH AND ROCK VOLUME m³	ROCK EXCAVATION AREA m²	ROCK EXCAVATION VOLUME m³	EMBANKMENT AREA m²	EMBANKMENT VOLUME m³	AREA m²	VOLUME m³
TH # 37									
24+006.3		0							
	3.7		16.1						
24+010		8.7							
	10		88.0						
+020		8.9							
	10		70.0						
+030		5.1							
	10		41.5						
+040		3.2							
	6		9.6						
+046		0							
TH # 21									
25+006.3		0							
	3.7		28.1						
+010		15.2							
	10		119.5						
+020		8.7							
	10		74.0						
+030		6.1							
	9		39.6						
+039		2.7							
	19		25.6						
+058		0							
			512.0						
			512.0		0.0				

STATION km + m	DIST m	TOTAL EXCAVATION EARTH AND ROCK AREA m²	TOTAL EXCAVATION EARTH AND ROCK VOLUME m³	ROCK EXCAVATION AREA m²	ROCK EXCAVATION VOLUME m³	EMBANKMENT AREA m²	EMBANKMENT VOLUME m³	AREA m²	VOLUME m³
Drives			1261.2 - From Common Excavation Folder						
1+085 Lt & 15+02 Rt									
Ditches									
Stone fill areas not represented on cross sections									
			472.7 - From Common Excavation Folder						
Permanent Sediment Basins									
			224.4 - From Common Excavation Folder						
			1958.3						

SUMMARY AND BALANCES

STATION TO STATION km + m	km + m	TOTAL EXC. EARTH+ROCK m³	ROCK EXCAVATION m³	EMBANKMENT m³	EXCESSES CUT	EXCESSES FILL	ACCUMULATIVE EXCESSES CUT	ACCUMULATIVE EXCESSES FILL

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

✓WRF
12-13-07

E&R 3679.6
R 584.6

PROJECT NAME : HIGHGATE - FRANKLIN
PROJECT NO.: STP-RS 0301(1) SA

DESIGN FILE NAME:
IPARM FILE NAME:
SURVEYED BY:
SQUAD LEADER:
PLOT DATE: 26-DEC-2006
SURVEY DATE:
DRAWN BY:
SHEET: 7 OF 7