STATE OF VERMONT
AGENCY OF TRANSPORTATION

EARTHWORKS

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
1+100		0				0			
	10								
1+110		0				0			
	10		10				5		
1+120		2				1			
	20		110				20		
1+140		9				1			
	10		95				5		
1+150		10				0			
	10		105						
1+160		11				0		CUT	1194
	20		210					ROCK	0
1+180		10				0		R.FAC	.495
	20		180				10	FILL	126
1+200		8				1		F.FAC	1.15
	20		160				20	EX. C	1049
1+220		8				1			
	20		180				20		
1+240		10				1			
	7		84				11		
1+247		14				2			
	7		60				35		
1+254		3				8			
1+300		9				0			
	7		60				4		
1+307		8				1			
	13		59				65		
1+320		1				9			
	20		10				220		
1+340		0				13		CUT	377
	20		10				270	ROCK	0
1+360		1				14		R.FAC	.495
	20		70				340	FILL	1040
1+380		6				20		F.FAC	1.15
	5		33				73	EX. F	819
1+385		7				9			
	15		135				68		
1+400		11				0			

SUMMARY AND BALANCES

STATION TO STATION km + m	km + m	TOT EXC. EARTH & ROCK m³	ROCK EXCAV m³	EMBANK m³	EXCESSES CUT	EXCESSES FILL	ACUMULATIVE EXCESSES CUT	ACUMULATIVE EXCESSES FILL
1+100	1+254	1194	0	126	1049		1049	
1+300	1+400	377	0	1040		819	230	
	DRIVES	33	0	66		43	187	
	TOTALS	1604	0	1232	1049	862	187	

REMARKS

EARTH AND ROCK EXCAVATION	1604
SOLID ROCK EXCAVATION	0
EARTH EXCAVATION	1604
PLANIMETERED FILL	1232
LESS FACTORED SOLID ROCK	0
LESS DISPLACEMENT OF ANY LARGE STRUCTURES	0
NET PLANIMETERED FILL	1232
FACTOR	185
PLANIMETERED FILL INCLUDING FACTOR	1417
MATERIALS AVAILABLE FOR FILLS	
EARTH EXCAVATION	1604
CHANNEL EXCAVATION	
UNDERDRAIN EXCAVATION	
STRUCTURE EXCAVATION	
TOTAL MATERIAL AVAILABLE FOR FILL	1604
TOTAL FILL INCLUDING FACTOR	1417
TOTAL MATERIAL FOR FILL	1604
BORROW	
EXCESS EXCAVATION	187

PROJECT NAME: **Bristol**
PROJECT NUMBER: **ER 021-1 (13)**

FILE NAME: **/str/78f188/df188ew.xls**
PROJECT LEADER: **A. Portalupi**
DESIGNED BY: **STR2**
EARTHWORK SHEET

PLOT DATE: **6/11/99**
DRAWN BY: **C. Weeber**
CHECKED BY: **L. Bullock**
SHEET **10** OF **67**