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
Crossover									
1+240		0		0					
	20		2160		1130				
1+260		216		113					
	20		5090		2830				
1+280		293		170					
	10		1550		930				
1+290		17		16				CUT	8930
	10		90		80			ROCK	4970
1+300		1		0				R.FAC	0.495
	20		10		0			FILL	0
1+320		0		0				F.FAC	1.15
	20		20		0			EX. C	11390
1+340		2		0					
	10		10		0				
1+350		0		0					
	COLUMN TOTAL		8930		4970				

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
CROSSOVER								
1+240	1+350	8930	4970	0	11390		11390	

REMARKS

EARTH AND ROCK EXCAVATION	8930
SOLID ROCK EXCAVATION	4970
EARTH EXCAVATION	3960
PLANIMETERED FILL	0
LESS FACTORED SOLID ROCK	0
LESS DISPLACEMENT OF ANY LARGE STRUCTURES	0
NET PLANIMETERED FILL	0
FACTOR	0
PLANIMETERED FILL INCLUDING FACTOR	0
MATERIALS AVAILABLE FOR FILLS	
EARTH EXCAVATION	3960
CHANNEL EXCAVATION	0
UNDERDRAIN EXCAVATION	260
STRUCTURE EXCAVATION	175
TOTAL MATERIAL AVAILABLE FOR FILL	4395
TOTAL FILL INCLUDING FACTOR	0
TOTAL MATERIAL FOR FILL	4395
BORROW	
EXCESS EXCAVATION (VTRANS CASE II CRITERIA)	10856

PROJECT NAME: **Brattleboro**
PROJECT NUMBER: **NH 010-2(2)**

FILE NAME: **zb270earth.xls**
PROJECT LEADER: **WRH**
DESIGNED BY: **JAW**
EARTHWORK SHEET #1

PLOT DATE: **3/28/2003**
DRAWN BY: **JAW**
CHECKED BY: **PTS**
SHEET **5** OF **13**

164 Rock