STATE OF VERMONT
AGENCY OF TRANSPORTATION

EARTHWORKS

Metric

STATION km + m	DIST m	TOTAL EXCAVATION EARTH AND ROCK AREA m^2	TOTAL EXCAVATION EARTH AND ROCK VOLUME m^3	ROCK EXCAVATION AREA m^2	ROCK EXCAVATION VOLUME m^3	EMBANKMENT AREA m^2	EMBANKMENT VOLUME m^3	AREA m^2	VOLUME m^3
BRATTLEBORO ST. HWY.									
2+049		19							
	1								
2+050		20							
	10		206						
2+060		21							
	10		238						
2+070		27							
	10		249						
2+080		23							
	10		233						
2+090		24							
	10		245						
2+100		25							
	10		267						
2+110		29							
VT. RTE. 9 EAST									
2+167		28				1			
	3		80				2		
2+170		25				1			
	10		228				4		
2+180		21				0			
	10		192						
2+190		18							
	10		182						
2+200		18							
	10		185						
2+210		19							
	10		190						
2+200		19							
	5		95						
2+225		19							
			2590				6		

STATION km + m	DIST m	TOTAL EXCAVATION EARTH AND ROCK AREA m^2	TOTAL EXCAVATION EARTH AND ROCK VOLUME m^3	ROCK EXCAVATION AREA m^2	ROCK EXCAVATION VOLUME m^3	EMBANKMENT AREA m^2	EMBANKMENT VOLUME m^3	AREA m^2	VOLUME m^3
U.S. RTE. 5									
1+075		20				3			
	5		98				8		
1+080		19				1			
	10		202				7		
1+090		21				1			
	10		242				7		
1+100		27				1			
	3		88				2		
1+103		31				1			
1+157		30							
	3		83						
1+160		26							
	10		241						
1+170		22							
	10		218						
1+180		21							
	10		215						
1+190		22							
	10		214						
1+200		21							
	10		214						
1+210		22							
	5		111						
1+215		22							
CIRCULATING ROADWAY									
4+943		17							
			272						
4+960		15							
			346						
4+980		19							
			411						
5+000		22							
			447						
5+020		23							
			406						
5+040		18							
			288						
5+056		18							
			3878				24		

STATION km + m	DIST m	TOTAL EXCAVATION EARTH AND ROCK AREA m^2	TOTAL EXCAVATION EARTH AND ROCK VOLUME m^3	ROCK EXCAVATION AREA m^2	ROCK EXCAVATION VOLUME m^3	EMBANKMENT AREA m^2	EMBANKMENT VOLUME m^3	AREA m^2	VOLUME m^3

SUMMARY AND BALANCES

STATION TO STATION km + m	km + m	TOTAL EXC. EARTH+ROCK m^3	ROCK EXCAVATION m^3	EMBANKMENT m^3	EXCESSES CUT	EXCESSES FILL	ACCUMULATIVE EXCESSES CUT	ACCUMULATIVE EXCESSES FILL
2+049	2+110	1438			1438		1438	
2+167	2+225	1152		6	1145		2583	
1+075	1+103	630		24	602		3185	
1+157	1+215	1296			1296		4481	
4+943	5+056	2170			2170		6651	
EXCAV.								
SAND BORROW		1205					7856	
		7936		30				

REMARKS

EARTH AND ROCK EXCAVATION		7936
SOLID ROCK EXCAVATION		
EARTH EXCAVATION		
PLANIMETERED FILL		30
LESS FACTORED SOLID ROCK		
LESS DISPLACEMENT OF ANY LARGE STRUCTURES		
NET PLANIMETERED FILL		30
FACTOR	1.15 X 30	
PLANIMETERED FILL INCLUDING FACTOR		34
MATERIALS AVAILABLE FOR FILLS		
EARTH EXCAVATION		7936
CHANNEL EXCAVATION		
UNDERDRAIN EXCAVATION		
STRUCTURE EXCAVATION		
TOTAL MATERIAL AVAILABLE FOR FILL		7936
TOTAL FILL INCLUDING FACTOR		34
TOTAL MATERIAL FOR FILL		7936
BORROW		
EXCESS EXCAVATION		7902

PROJECT NAME : BRATTLEBORO

PROJECT NO.: NH 2000(18)

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