STATE OF VERMONT
AGENCY OF TRANSPORTATION

EARTHWORKS

STATION	DIST FT.	TOTAL EXCAVATION EARTH AND ROCK AREA S.F.	TOTAL EXCAVATION EARTH AND ROCK VOLUME C.Y.	ROCK EXCAVATION AREA S.F.	ROCK EXCAVATION VOLUME C.Y.	EMBANKMENT AREA S.F.	EMBANKMENT VOLUME C.Y.	AREA S.F.	VOLUME C.Y.
VT 116									
1+00		0.0				0.0			
	50		20.1						
1+50		21.7				0.0			
	50		57.8				3.4		
2+00		40.7				3.6			
	50		80.6				3.8		
2+50		46.4				0.5			
	50		81.2				11.3		
3+00		41.3				11.6			
	35		54.4				12.3		
3+35		42.6				7.4			
	15		28.2				2.0		
3+50		59.1				0.0			
	7		14.7				0.1		
3+57		54.3				1.0		CUT	845.5
	43		81.5				12.5	ROCK	0
4+00		48.1				14.7		R.FAC	.495
	50		97.4				13.6	FILL	80.8
4+50		57.1				0.0		F.FAC	1.15
	21		51.2					EX. C	752.5
4+71		74.6				0.0			
	29		69.3				2.7		
5+00		54.4				5.0			
	50		97.2				7.8		
5+50		50.6				3.3			
	50		68.3				7.2		
6+00		23.1				4.5			
	50		35.1				4.1		
6+50		14.7				0.0			
	31		8.5						
6+81		0.0				0.0			
VT 116 SUBTOTAL			845.5				80.8		
TH 4 SILVER STREET									
100+75		0.0				0.0			
	25		3.7						
101+00		8.0				0.0			
	50		50.4						
101+50		46.5				0.0			
	25		60.6						
101+75		84.5				0.0			
	25		72.7						
102+00		72.6				0.0			
	50		140.2				5.4		
102+50		78.8				5.8			
	20		57.0				4.9		
102+70		75.1				7.3		CUT	823.1
	30		76.9				9.1	ROCK	0
103+00		63.3				9.0		R.FAC	.495
	50		102.8				14.8	FILL	128.3
103+50		47.7				7.0		F.FAC	1.15
	50		76.4				14.1	EX. C	675.6
104+00		34.8				8.2			
	50		58.3				26.2		
104+50		28.2				20.1			
	50		71.4				32.6		
105+00		48.9				15.1			
	50		51.2				19.9		
105+50		6.4				6.4			
	6		1.4				1.4		
105+56		6.4				6.4			
TH 4 SUBTOTAL			823.1				128.3		

SUMMARY AND BALANCES

STATION TO STATION	TOT EXC. EARTH & ROCK C.Y.	ROCK EXCAV C.Y.	EMBANK C.Y.	EXCESSES CUT	EXCESSES FILL	ACUMULATIVE EXCESSES CUT	ACUMULATIVE EXCESSES FILL
VT 116	845.5	0.0	80.8	764.7	0.0	764.7	0.0
TH4 SILVER STREET	823.1	0.0	128.3	694.8	0.0	694.8	0.0
PROJECT TOTAL	1668.6	0.0	209.1	1459.5	0.0	1459.5	0.0

REMARKS

EARTH AND ROCK EXCAVATION	1668.6
SOLID ROCK EXCAVATION	
EARTH EXCAVATION	1668.6
PLANIMETERED FILL	209.1
LESS FACTORED SOLID ROCK	
LESS DISPLACEMENT OF ANY LARGE STRUCTURES	
NET PLANIMETERED FILL	209.1
FACTOR	0.15
PLANIMETERED FILL INCLUDING FACTOR	240.5
MATERIALS AVAILABLE FOR FILLS	
EARTH EXCAVATION	1668.6
CHANNEL EXCAVATION	
UNDERDRAIN EXCAVATION	
STRUCTURE EXCAVATION	
TOTAL MATERIAL AVAILABLE FOR FILL	1668.6
TOTAL FILL INCLUDING FACTOR	240.5
TOTAL MATERIAL FOR FILL	1668.6
BORROW	
EXCESS EXCAVATION	1428.1

PROJECT NAME: **HINESBURG**
PROJECT NUMBER: **HES 021-1(20)**

FILE NAME: **04B206_Earthwork.xls**
PROJECT LEADER: **G. BAKOS**
DESIGNED BY: **D. PECK**
EARTHWORK SUMMARY SHEET

PLOT DATE: **2/18/2009**
DRAWN BY: **D. PECK**
CHECKED BY: **S. FOWLER**
SHEET **10** OF **25**