STATE OF VERMONT
AGENCY OF TRANSPORTATION

EARTHWORKS

STATION	DIST	TOTAL EXCAVATION EARTH AND ROCK AREA	TOTAL EXCAVATION EARTH AND ROCK VOLUME	ROCK EXCAVATION AREA	ROCK EXCAVATION VOLUME	EMBANKMENT AREA	EMBANKMENT VOLUME		
	FT.	S.F.	C.Y.	S.F.	C.Y.	S.F.	C.Y.	S.F.	C.Y.
PARKING LOT									
0+25		957				3			
	25		1040						
0+50		1288				30			
	50		2254				36		
1+00		1146				9			
	50		2123				11		
1+50		1147				3			
	50		1851				6		
2+00		852				4			
	50		1496				37		
2+50		764				36		CUT	16819
	50		1198				257	ROCK	0
3+00		530				242		R.FAC	.495
	50		1022				518	FILL	2551
3+50		574				317		F.FAC	1.15
	50		1273				509	EX. C	13886
4+00		801				233			
	50		1629				588		
4+50		958				402			
	50		1769				476		
5+00		953				112			
	50		1164				112		
5+50		304				9			
ACCESS ROAD									
20+00		0				0			
	50		164				0		
20+50		177				0			
	50		356				0		
21+00		207				0			
	50		430				0		
21+50		257				0			
	50		522				0		
22+00		307				0			
	50		565				0	CUT	3768
22+50		303				0		ROCK	0
	50		470				0	R.FAC	.495
23+00		205				0		FILL	0
	50		389				0	F.FAC	1.15
23+50		215				0		EX. C	3768
	50		397				0		
24+00		214				0			
	50		399				0		
24+50		217				0			
	19		76				0		
24+69		0				0			
BIO. BASIN			309					EX. C	309
OLD U.S. RT. 7				17050	540			ROCK	540

STATION	DIST	TOTAL EXCAVATION EARTH AND ROCK AREA	TOTAL EXCAVATION EARTH AND ROCK VOLUME	ROCK EXCAVATION AREA	ROCK EXCAVATION VOLUME	EMBANKMENT AREA	EMBANKMENT VOLUME		
	FT.	S.F.	C.Y.	S.F.	C.Y.	S.F.	C.Y.	S.F.	C.Y.

STATION	DIST	TOTAL EXCAVATION EARTH AND ROCK AREA	TOTAL EXCAVATION EARTH AND ROCK VOLUME	ROCK EXCAVATION AREA	ROCK EXCAVATION VOLUME	EMBANKMENT AREA	EMBANKMENT VOLUME		
	FT.	S.F.	C.Y.	S.F.	C.Y.	S.F.	C.Y.	S.F.	C.Y.

SUMMARY AND BALANCES

STATION TO STATION		TOT EXC. EARTH & ROCK C.Y.	ROCK EXCAV C.Y.	EMBANK C.Y.	EXCESSES CUT	EXCESSES FILL	ACCUMULATIVE EXCESSES CUT	ACCUMULATIVE EXCESSES FILL
0+00	5+50	16819		2551	13886		13886	
20+00	24+69	3768		0	3768		17654	
BIORETENTION BASIN		309		0	309		17963	
OLD ROUTE 7 (BIT PAVE)		540	540				18503	
		21436	540	2551				

REMARKS

EARTH AND ROCK EXCAVATION	**21436**
SOLID ROCK EXCAVATION	540
EARTH EXCAVATION	20896
PLANIMETERED FILL	2551
LESS FACTORED SOLID ROCK	540
LESS DISPLACEMENT OF ANY LARGE STRUCTURES	-
NET PLANIMETERED FILL	3091
FACTOR	0.15
PLANIMETERED FILL INCLUDING FACTOR	**3555**
MATERIALS AVAILABLE FOR FILLS	**22948**
EARTH EXCAVATION	20896
CHANNEL EXCAVATION	0
TRENCH EXCAVATION (3420 X 60%)	2052
STRUCTURE EXCAVATION	-
TOTAL MATERIAL AVAILABLE FOR FILL	
TOTAL FILL INCLUDING FACTOR	3555
TOTAL MATERIAL FOR FILL	22948
BORROW	-
EXCESS EXCAVATION	**19393**

Dufresne-Henry

PROJECT NAME: **FERRISBURGH/VERGS-FERRISBURGH**
PROJECT NUMBER: **CMG PARK(15)S/STP EH01(21)**

FILE NAME: **earthworks.xls** PLOT DATE: **4/18/2006**
PROJECT LEADER: **WLD** DRAWN BY: **MBL**
DESIGNED BY: **CSP/GGG** CHECKED BY: **GAS**
EARTHWORKS SHEET SHEET **9** OF **65**