

EARTHWORKS

																				SUMMARY AND BALANCES																		
TOTAL EXCAVATION EARTH AND ROCK		ROCK EXCAVATION		EMBANKMENT						TOTAL EXCAVATION EARTH AND ROCK		ROCK EXCAVATION		EMBANKMENT						TOTAL EXCAVATION EARTH AND ROCK		ROCK EXCAVATION		EMBANKMENT						STATION TO STATION		TOT EXC. EARTH & ROCK C.Y.	ROCK EXCAV C.Y.	EMBANK C.Y.	EXCESSES		ACUMULATIVE EXCESSES	
STATION	DIST	AREA	VOLUME	AREA	VOLUME	AREA	VOLUME	AREA	VOLUME	STATION	DIST	AREA	VOLUME	AREA	VOLUME	AREA	VOLUME	AREA	VOLUME	STATION	DIST	AREA	VOLUME	AREA	VOLUME	AREA	VOLUME	AREA	VOLUME	STATION TO STATION	TOT EXC. EARTH & ROCK C.Y.	ROCK EXCAV C.Y.	EMBANK C.Y.	CUT	FILL	CUT	FILL	
FT.	S.F.	C.Y.	S.F.	C.Y.	S.F.	C.Y.	S.F.	C.Y.	S.F.	C.Y.	FT.	S.F.	C.Y.	S.F.	C.Y.	S.F.	C.Y.	S.F.	C.Y.	FT.	S.F.	C.Y.	S.F.	C.Y.	S.F.	C.Y.	S.F.	C.Y.										
VT ROUTE 14										DRIVEWAYS										VT ROUTE 14																		
123+00		0								123+39		3								123+00	127+84.00	2566	173	13	2637	0	2637											
123+50	50	19	18							124+50		3								129+30.25	130+00	402	68	162	249	0	2886											
124+00	50	28	44	12	11					124+58		2																										
124+50	50	153	299	12	21					125+62		3																										
125+00	50	170	328	12	21					126+48		24																										
125+50	50	184	354	12	21					126+87		2																										
126+00	50	198	435	12	21	0	2			141+83		11																										
126+50	50	272	438	12	21	2	6			143+33		1																										
127+00	50	201	312	12	21	5	5			146+00		45																										
127+50	50	136	312	12	21	0	5			146+40		20																										
127+84 BRIDGE										146+70		12																										
129+30	20	151	110	12	47	59	104			146+83		54																										
129+50	50	151	292	12	21	59	58			147+46		20																										
130+00	50	164	292	12	21	4	58			148+44		4																										
										149+07		21																										
US ROUTE 2																																						
141+00	50	0	51			0																																
141+50	50	55	132			0																																
142+00	50	87 79	221	12	21	0	4																															
142+50	50	162 164.2	290	12	21	4	6																															
143+00	50	161 178.5	309	12	21	3	4																															
143+50	50	173 180.7	506	12	21	1	4																															
144+00	50	374 386.2	657	12	21	0	2																															
144+50	50	336 354.6	522	12	21	2	4																															
145+00	50	228 228.7	403	12	21	2	4																															
145+50	50	207 214.6	365	12	157	2	6																															
146+00	50	187 198.7	377	12	21	0	6																															
146+50	50	220 232	385	12	21	6	8																															
147+00	50	196 207.5	351	12	21	3	12																															
147+50	50	183 195.1	338	12	21	10	28																															
148+00	50	182 193.1	329	12	21	21	48																															
148+50	50	173 184.4	238	12	21	31	29																															
149+00	50	84 64.3	101	12	11	0																																
149+50	50	25 23.5	23			0																																
150+00		0				0																																

REMARKS		C + 0.495R - 1.15 F
EARTH AND ROCK EXCAVATION	8389	C = QUANTITY OF EARTH AND ROCK EXCAVATION
SOLID ROCK EXCAVATION (NOT AVAILABLE FOR FILLS)	1091	
EARTH EXCAVATION	7298	
PLANIMETERED FILL	332	R = QUANTITY OF ROCK EXCAVATION
LESS FACTORED SOLID ROCK	0	
LESS DISPLACEMENT OF ANY LARGE STRUCTURES	0	
NET PLANIMETERED FILL	332	F = QUANTITY OF FILL EXCAVATION
FACTOR	50	
PLANIMETERED FILL INCLUDING FACTOR	382	
MATERIALS AVAILABLE FOR FILLS		
EARTH EXCAVATION	7298	
CHANNEL EXCAVATION	835	
UNDERDRAIN EXCAVATION	0	
STRUCTURE EXCAVATION	637	
TOTAL MATERIAL AVAILABLE FOR FILL	8770	
TOTAL FILL INCLUDING FACTOR	382	
TOTAL MATERIAL FOR FILL	8770	
BORROW	0	
EXCESS EXCAVATION	8388	

PROJECT NAME: EAST MONTPELIER
 PROJECT NUMBER: BRF 037-(17)
 FILE NAME: 09_Earthworks.dgn
 PROJECT LEADER: T. KNIGHT
 DESIGNED BY: E. ALLING
 EARTHWORKS EW 1
 PLOT DATE: 2/17/2017
 DRAWN BY: E. ALLING
 CHECKED BY: T. KNIGHT
 SHEET II OF 158

