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.
	0		0						
16+50		0					0		
	50		93						
17+00		100					0	CUT	14151
	150		2375					ROCK	0
18+50		755				0	0	R.FAC	.495
	50		2701					FILL	36
19+00		2162				17	16	F.FAC	1.00
	50		4412					EX. C	14115
19+50		2603				0	16		
	50		4570						
20+00		2333				5	5		
	50		4143						
20+50		2141				0	5		
	50		3351						
21+00		1478				31	29		
	50		2535						
21+50		1260				3	31		
	50		2095						
22+00		1003				3	6	CUT	19787
	50		1738					ROCK	0
22+50		874				3	6	R.FAC	.495
	50		1665					FILL	86
23+00		924				4	6	F.FAC	1.00
	50		1488					EX. C	19701
23+50		683				0	4		
	50		982						
24+00		378					0		
	50		781						
24+50		465					0		
	50		1009						
25+00		625					0		
	50		919						
25+50		368					0		
	50		690						
26+00		377					0		
	50		1143						
26+50		857					0		
	50		1969						
27+00		1269					0	CUT	20515
	50		2979					ROCK	0
27+50		1948					0	R.FAC	.495
	50		3935					FILL	0
28+00		2302					0	F.FAC	1.00
	50		3756					EX. C	20515
28+50		1754					0		
	50		2409						
29+00		848					0		
	50		1412						
29+50		677					0		
	50		1304						
30+00		731					0		
	50		1056						
30+50		410					0		
	50		644						
31+00		286					0		
	50		1130						
31+50		934					0		
	50		1764						
32+00		971				0	0	CUT	12998
	50		1881					ROCK	0
32+50		1060				13	12	R.FAC	.495
	50		2070					FILL	49
33+00		1176				7	19	F.FAC	1.00
	50		1847					EX. C	12950
33+50		819				2	8		
	50		1206						
34+00		483				0	2		
	50		773						
34+50		352				0	0		
	50		627						
35+00		325				8	8		
	50		394						
35+50		100				4	11		
	50		93						
36+00		0				0	3		
								CUT	486
								ROCK	0
								R.FAC	.495
								FILL	14
								F.FAC	1.00
								EX. C	472

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
16+50	20+00	14151	0	36	14115		14115	
20+50	25+00	19787	0	86	19701		33816	
25+50	30+00	20515	0	0	20515		54331	
30+50	35+00	12998	0	49	12950		67280	
35+50	36+00	486	0	14	472		67753	
SUBTOTALS		67937	0	185	67752	0	67753	
OVER EXCAVATION FOR TOPSOIL		2860	0	0	2860	0	70612	
OVER EXCAVATION FOR HYDRIC SOILS		3361	0	0	3361	0	73973	
TOTALS		74158	0	185	73973	0	73974	

REMARKS

EARTH AND ROCK EXCAVATION	74158	
SOLID ROCK EXCAVATION	0	
EARTH EXCAVATION	74158	
PLANIMETERED FILL *	74616	* DISPOSAL AREAS 1 AND 2
LESS FACTORED SOLID ROCK	0	
LESS DISPLACEMENT OF ANY LARGE STRUCTURES	0	
NET PLANIMETERED FILL	0	
FACTOR **	1.00	* * NOT COMPACTED
PLANIMETERED FILL INCLUDING FACTOR	74616	
MATERIALS AVAILABLE FOR FILLS		
EARTH EXCAVATION	74158	
CHANNEL EXCAVATION	0	
UNDERDRAIN EXCAVATION	0	
STRUCTURE EXCAVATION	0	
TOTAL MATERIAL AVAILABLE FOR FILL	74158	
TOTAL FILL INCLUDING FACTOR	74616	
TOTAL MATERIAL FOR FILL	74158	
BORROW ***	458	*** = EXCESS WASTE CAPACITY
EXCESS EXCAVATION		

PROJECT NAME: **CABOT-DANVILLE**
PROJECT NUMBER: **F EGC F 028-3(26)**

FILE NAME: **xf097EW001.DGN**
PROJECT LEADER: **C.W.BRODIE**
DESIGNED BY: **C.W.BRODIE**
EARTHWORK SHEET #1

PLOT DATE: **9/30/2010**
DRAWN BY: **E.B.SMALL**
CHECKED BY: **C.W.BRODIE**
SHEET 198 OF 250