EARTHWORKS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

GRADES V.C.	GRADES % GRADE	STATION	ELEVATION ON TANGENT	ELEVATION ON CURVES	CORR V.C.	DIST	TOTAL EXCAVATION EARTH AND ROCK AREA	TOTAL EXCAVATION EARTH AND ROCK CU. YDS.	ROCK EXCAVATION AREA	ROCK EXCAVATION CU. YDS.	EMBANKMENT AREA	EMBANKMENT CU. YDS.	BASE AREA	BASE CU. YDS.
		BRIDPORT	VT 125	(EAST)	HES F017-1(2)									
		277+65	336.62	336.62	0.00									
		277+75	336.00	336.17	+0.17		296	BUTT					171	BUTT
		+77	335.87	336.12	+0.25				H E S					
						25		203						115
		+89	336.11	336.11	0.00				C - 459					
									F - 0					
		278+00	336.32	336.32	0.00		143		F.FAC+1.15				78	
						25		116	EX. C+ 459					62
		+25	336.81	336.79	-0.02		108		BASE + 271				56	
						25		80						49
		+50	337.30	337.23	-0.07		65						49	
						50		60						45
		279+00	338.00	338.00	0.00		0						0	
		BRIDPORT	VT (WEST)	HES	F017-1(2)									
		272+00	282.00				0				0		0	
						50		197				15		51
		+50	286.58				213				16		55	
						50		443				25		105
		273+00	291.15				265				11		58	
		+22	293.16											
						50		435				11		107
		+24	293.55											
		+50	295.73				205				1		58	
						50		259				1		108
		274+00	304.30				75				0		59	
						50		141				1		107
		+50	304.88				77		HES		1		57	
		+60	305.79			50		136	C - 2278			19		106
									F - 243					
		275+00	309.45	309.45	0.00		70		F.FAC+1.15		19		57	
									EX. C+1999					
		+32	312.38	312.22	-0.16	50		203	BASE +1146			38		107
		REV +32	312.38	312.22	-0.16									
		+50	314.03	313.64	-0.39		149				22		59	
		+50.03	314.03	313.64	-0.39	50		178				53		108
		REV276+00	318.60	317.04	-1.56		43				35		58	
		+00.38	318.61	317.06	-1.55	50		88				44		107
		+50	320.06	319.67	-0.39		52				13		58	
		+50.05	320.06	319.67	-0.39	25		30				14		52
		+75	320.78	320.68	-0.10		13				18		54	
		+75.48	320.79	320.70	-0.09	25		27				15		58
		REV277+00	321.51	321.51	0.00		46				15		71	
		+0.03	321.54			25		102				7		99
		+25	322.24				175				0		143	
		+25.61	322.18			4		39						31
		+29					353	BUTT					281	BUTT
		CARRIED FORWARD												
		COLUMN FOOTINGS						2737				243		1417

GRADES V.C.	GRADES % GRADE	STATION	ELEVATION ON TANGENT	ELEVATION ON CURVES	CORR V.C.	DIST	TOTAL EXCAVATION EARTH AND ROCK AREA	TOTAL EXCAVATION EARTH AND ROCK CU. YDS.	ROCK EXCAVATION AREA	ROCK EXCAVATION CU. YDS.	EMBANKMENT AREA	EMBANKMENT CU. YDS.	BASE AREA	BASE CU. YDS.
		BRIDPORT	HES F017 - 1(2)											
		FROM DRAINAGE		C - 51				51				0		0
		SHEETS		F - 0										
				F.FAC - 1.15										
				EX. C - 51										
				BASE - 0										
		DRIVES AND		C - 182				182						447
		APPROACHES		F - 134										
		(DESIGNED)		F.FAC - 1.15										
				EX. C - 28										
				BASE - 447										
		CARRIED FORWARD												
		COLUMN FOOTINGS						233				134		447

SUMMARY AND BALANCES

STATION TO STATION		TOTAL EXCAV EARTH & ROCK	ROCK EXCAV CUBIC YARDS	EMBANKMENT CUBIC YARDS	EXCESSES CUT	EXCESSES FILL	ACCUMULATIVE EXCESSES CUT	ACCUMULATIVE EXCESSES FILL	BASE	
BRIDPORT	HES F017 - 1(2)									
166+50	170+00	792	0	15	775		775		674	
170+00	175+00	2403	0	1	2402		3177		1132	
175)00	180+00	1944	0	23	1918		5095		1030	
180+00	186+50	1913	0	55	1850		6945		931	
186+50	197+50	774	0	0	774		7719		550	EST. QUT.
197+50	201+00	216	0	2	214		7933		174	
VT 125	(EAST)	459	0	0	459		8392		271	
VT 125	(WEST)	2278	0	243	1999		10391		1146	
FROM	DRAINAGE	51	0	0	51		10442		0	
SHEETS										
DRIVES	AND	182	0	134	28		10470		447	
APPROACHES										
TOTALS		11012	0	473	10468		10470		6355	

SUMMARY BY COLUMNS

SHEET NO.	COL. NO.	EXCAVATION TOTAL CY	EXCAVATION ROCK CY	EMBANKMENT CY	BASE C Y
8	1	792	0	15	674
8	2	4347	0	24	2162
8	3	2903	0	57	1655
9	1	2737	0	243	1417
9	2	233	0	134	447
9	3	0	0	0	0
TOTAL		11012	0	473	6355

REMARKS

EARTH AND ROCK EXCAVATION
SOLID ROCK EXCAVATION
EARTH EXCAVATION

PLANIMETERED FILL
LESS FACTORED SOLID ROCK
LESS DISPLACEMENT OF ANY LARGE STRUCTURES
NET PLANIMETERED FILL
FACTOR
PLANIMETERED FILL INCLUDING FACTOR

MATERIALS AVAILABLE FOR FILLS
EARTH EXCAVATION
CHANNEL EXCAVATION
UNDERDRAIN EXCAVATION
STRUCTURE EXCAVATION

TOTAL MATERIAL AVAILABLE FOR FILL

TOTAL FILL INCLUDING FACTOR
TOTAL MATERIAL FOR FILL
BORROW
EXCESS EXCAVATION

PROJECT NAME BRIDPORT
PROJECT NUMBER HES F017-1(2)