EARTHWORK SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

% GRADE	STATION	GRADES ELEVATION ON TANGENT	GRADES 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.	AREA	CU. YDS.
Rev.													
-3.3600%	155+49.92	886.15	886.06	-0.09		3				258			
	155+50	886.15	886.06	-0.09	50.01		31				483		
	155+99.93	884.47	884.10	-0.37		30				263			
	156+00	884.47	884.10	-0.37	50.09		144				410		
	156+50	882.79	881.96	-0.83									
	156+50.02	882.79	881.96	-0.83		125				179			
	156+60.08	882.45	881.50	-0.95									
	156+70	882.12	881.05	-1.07									
	156+85.52	881.60	880.33	-1.27	50.78		273				217		
	157+00	881.11	879.63	-1.48									
	157+00.80	881.06	879.59	-1.43		165				52			
	157+50	877.95	877.12	-0.83	50.42		387				49		
	157+51.22	877.88	877.06	-0.82		250				0			
	158+00	874.80	874.43	-0.37	49.65		594						
	158+00.87	874.74	874.38	-0.36		396							
					48.88		597						
	158+49.75	871.65	871.56	-0.09		264				0			
	158+50	871.64	871.55	-0.09	48.13		343				6		
	158+97.88	868.61	868.61	0.00		121				7			
-6.3145%	159+00	868.48	868.48	0.00	47.40		151				50		
	159+45.28	865.62				51				50			
	159+50	865.32			46.69		143				78		
	159+91.97	862.67				114				40			
	160+00	862.17			46.02		533				34		
	160+37.99	859.77				512				0			
	160+50	859.01			45.40		1320						
	160+83.39	856.90				1058							
	161+00	855.85			44.84		2119						
	161+28.23	854.07				1494							
	161+50	852.69	852.69	0.00	44.33		2819						
	161+72.56	851.27	851.23	-0.04		1940							
					27.44		1944						
	162+00	849.54	849.36	-0.18		1886		0					
					50		3087		19				
	162+50	846.38	845.67	-0.71		1448		20					
							2044		194				
	163+00	841.80	841.62	-0.18		760		190					
							958		194				
	163+50	837.22	837.22	0.00		275		20		0			
							356		19		9		
-9.1600%	164+00	832.64				109		0		10			
							135				116		
	164+50	828.06				37				115			
							51				319		
	165+00	823.48	823.48	0.00		18				230			
							37				411		
	165+50	818.90	819.08	+0.18		22				214			
							60				335		
	166+00	814.32	815.06	+0.74		43				148			
							71				278		
	166+50	811.21	811.40	+0.19		34				152			
							87				258		
	167+00	808.10	808.10	0.00		60				127			
							178				194		
	167+50	805.00				132		0		83			
							396		19		81		
-6.2165%	168+00	801.89				296		20		5			
							908		125		5		
	168+50	798.78				685		115		0			
							1405		106				
	169+00	795.67				833		0					
							1756		5				
	169+50	792.56				1063		5					
							2061		5				
	170+00	789.45				1163		0					
					50		1638						
Rev.	170+50	786.35				606							
CARRIED FORWARD							5455		10		0		
COLUMN FOOTINGS							26626		686		3324		

% GRADE	STATION	GRADES ELEVATION ON TANGENT	GRADES 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.	AREA	CU. YDS.
Rev.													
-6.2165%	170+50	786.35				606							
					50		687						
	171+00	783.24				136				0			
							126				218		
	171+50	780.13				0				235			
											755		
	172+00	777.02								580			
											1257		
	172+50	773.91								778			
											1231		
	173+00	770.80				0		0		551			
							179		83		723		
	173+50	767.70				193		90		230			
							640		396		213		
	174+00	764.59				498		340		0			
							619		472		31		
	174+50	761.48				170		170		34			
							157		157		324		
	175+00	758.37				0		0		316			
											661		
	175+50	755.26	755.26	0.00						398			
	150	753.49	753.34	-0.04							669		
	176+00	752.16	752.04	-0.12						324			
		750.161	750.35								519		
	176+50	749.05	748.59	-0.46						236			
											333		
	177+00	745.94	744.92	-1.02		0				124			
							42				124		
	177+50	742.83	741.01	-1.82		59				10			
	178+00	737.91	736.88	-1.03	50	822	816			0	9		
	178+20.49	735.89	735.13	-0.76	20.49	1032	703						
	178+50	732.98	732.53	-0.45									
	178+70.80	730.93	730.65	-0.28	50.31	1220	2089						
	179+00	728.06	727.94	-0.12	50.05		2344						
	179+20.85	726.00	725.97	-0.03		1309							
Rev.	179+35.12 = 176+64.25 Eq = +270.87												
	176+79.15	723.13	723.13	0.00	50		2649						
	177+00	721.08				1552							
							2874						
	177+50	716.16				1552							
							2544						
	178+00	711.23				1196							
							1826						
	178+50	706.31				776							
							1246						
	179+00	701.38				570							
							1048						
	179+50	696.46				562							
							881						
	180+00	691.54				390							
							685						
	180+50	686.61				350							
							666						
	181+00	681.69				369							
							624						
	181+50	676.76				305							
							588						
	182+00	671.84				330							
	182+36	668.29					1000						
	182+50	666.92				750							
							1773						
	183+00	661.99				1165							
	183+30	659.04	659.04	0.00	50		1482						
	183+50	657.07	657.99	+0.92		436							
					20		229						
	183+70	658.80	658.80	0.00		181							
					8		27						
	183+78					0	End Project						
CARRIED FORWARD							28544		1110		7067		
COLUMN FOOTINGS													

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CARRIED FORWARD													
COLUMN FOOTINGS													

PROJECT NAME EAST MONTPELIER
PROJECT NUMBER RS 0246(1)

SHEET 10 OF 128 SHEETS

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