

# EARTHWORKS

**STATE OF VERMONT  
AGENCY OF TRANSPORTATION**

SUMMARY AND BALANCES										SUMMARY AND BALANCES										SUMMARY BY COLUMNS											
STATION TO STATION		TOTAL EXCAV EARTH & ROCK	ROCK EXCAV CUBIC YARDS	EMBANKMENT CUBIC YARDS	EXCESSES		ACCUMULATIVE EXCESSES			STATION TO STATION		TOTAL EXCAV EARTH & ROCK	ROCK EXCAV CUBIC YARDS	EMBANKMENT CUBIC YARDS	EXCESSES		ACCUMULATIVE EXCESSES			SHEET NO.	COL. NO.	EXCAVATION		EMBANKMENT							
					CUT	FILL	CUT	FILL							CUT	FILL	CUT	FILL				TOTAL CY	ROCK CY	CY							
										260+00	265+00	1729	0	7946		7409	108298														
96+50	100+00	2434	0	42	2386		2386			265+00	270+00	4512	0	2918	1156		109454		1	1	18960	0	597								
100+00	105+00	4577	0	185	4364		6750			270+00	275+00	758	0	15561		17137	92317			2	2	493	0	27764							
105+00	110+00	6655	0	7	6647		13397			275+00	280+00	14717	0	1848	12592		104909			3	3	259	0	38858							
110+00	115+00	5559	0	2460	2730		16127			280+00	285+00	16454	0	880	15442		120351			1	1	22635	4815	5265							
115+00	120+00	140	0	4966		5571	10556			285+00	290+00	13882	0	1485	12174		132525			2	2	11182	2533	3581							
120+00	125+00	74	0	6913		7876	2680			290+00	292+50	1001	0	873		3	132522			3	3	7931	0	4488							
125+00	130+00	14	0	13223		15192	12512			END APPROACH																					
130+00	135+00	0	0	11766		13531	26043			ML TOTALS		299642	86055	182363							ML TOTALS		299642	86055	182363						
135+00	140+00	256	0	15798		17912	43955			CUL-DE-SAC																					
140+00	145+00	3	0	11859		13635	57590			RTE 9 W. CONN LT OF CL STA 145+50		486	0	1527		1270	130939														
145+00	150+00	2364	532	2674		448	58038			E. CONN RT OF CL STA 254+50		8347	1377	0	9029		139968														
150+00	155+00	5840	193	819	4994		53044			E. DR. CONN RT OF CL STA 261+50		108	0	393		344	139624														
155+00	160+00	11808	3425	1429	11860		41184			DRIVEWAYS		3502	0	5500		2823	136801														
160+00	165+00	9978	3198	728	10724		30460			CUT TO FILL TRANSITION		172	0	172		26	136775														
165+00	170+00	1497	0	2305		1154	31614			UNAVOIDABLE OVERBREAKAGE		1681	1681	0	2513		139288														
170+00	175+00	1098	0	782	199		31415			CATAMOUNT TRAIL		402		0	402		139690														
175+00	180+00	1982	0	249	1696		29719																								
180+00	185+00	4343	0	47	4289		25430																								
185+00	190+00	2237	0	1795	173		25257																								
190+00	195+00	723	0	3003		2730	27987																								
195+00	200+00	1609	0	2330		1071	29058																								
200+00	205+00	2301	0	379	1865		27193																								
205+00	210+00	1543	0	3016		1925	29118																								
210+00	215+00	10626	5643	782	12520		16598																								
215+00	220+00	9808	1344	935	9398		7200																								
220+00	225+00	2202	0	1479	501		6699																								
225+00	230+00	7213	3708	6362	1732		4967																								
230+00	235+00	35479	13330	848	41102		36135																								
235+00	240+00	3972	0	17061		15648	20487																								
240+00	245+00	3430	0	20700		20375	112																								
245+00	250+00	3323	0	12930		11547	11435																								
250+00	255+00	33577	12905	2189	37448		26013																								
255+00	260+00	69924	41777	791	89694		115707																								
																				REMARKS											
																				EARTH AND ROCK EXCAVATION 314492											
																				SOLID ROCK EXCAVATION 89113											
																				EARTH EXCAVATION 225379											
																				PLANIMETERED FILL 190359											
																				LESS FACTORED SOLID ROCK (1.3 FACTOR) 115847											
																				LESS DISPLACEMENT OF ANY LARGE STRUCTURES 0											
																				LESS DISPLACEMENT BY TYPE II STONE FILL (FOR SLOPE PROTECTION) 2566											
																				NET PLANIMETERED FILL 71946											
																				FACTOR 1.15											
																				PLANIMETERED FILL INCLUDING FACTOR 82738											
																				MATERIALS AVAILABLE FOR FILLS											
																				EARTH EXCAVATION 225379											
																				CHANNEL EXCAVATION (80% OF 8656) 6925											
																				UNDERDRAIN EXCAVATION (60% OF 5485) 3291											
																				STRUCTURE EXCAVATION (60% OF 8525) 5115											
																				TOTAL MATERIAL AVAILABLE FOR FILL 240710											
																				TOTAL FILL INCLUDING FACTOR 82738											
																				TOTAL MATERIAL FOR FILL 240710											
																				BORROW											
																				EXCESS EXCAVATION 157972											
																				/78DQ96/DESIGN/DD096.DGN											
CARRIED FORWARD										CARRIED FORWARD										PROJECT NAME SEARSBURG - WILMINGTON											
COLUMN FOOTINGS										COLUMN FOOTINGS										PROJECT NUMBER F 010-1(18) (LONG VERSION)											
																				30-NOV-2001 DD096ES											
																				SHEET 23 OF SHEETS											