

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 CUT FILL		ACCUMULATIVE EXCESSES CUT FILL		STATION TO STATION	TOTAL EXCAV EARTH & ROCK	ROCK EXCAV CUBIC YARDS	EMBANKMENT CUBIC YARDS	EXCESSES CUT FILL		ACCUMULATIVE EXCESSES CUT FILL		SHEET NO.	COL. NO.	EXCAVATION TOTAL CY ROCK CY		EMBANKMENT CY
								BROUGHT FORWARD	75018	896	119326					17	1	1942	0	687
																	2	6437	0	906
																	3	843	0	30006
ROUTE 101								280+00 285+00	1060		594	377								
110+00 115+00	1228		158	1046		1046		285+00 290+00	282		2171		2215			18	1	8810	156	5810
115+00 120+00	714		529	106		1152		290+00 295+00	833		2222		1722				2	3388	0	16267
120+00 125+00	1238		76	1151		2303		295+00 300+00	617		1217		783				3	3526	246	6675
125+00 130+00	4321		48	4266		6569		300+00 305+00	660		1368		913			19	1	11520	12	7295
130+00 135+00	878		782		21	6548		305+00 310+00	45		2082		2349				2	9351	440	8852
135+00 140+00	843		497	271		6819		310+00 315+00	2031	1158	644	1864					3	4628	38	33355
140+00 145+00	0		13011			14963	8144	315+00 320+00	1166		636	435				20	1	8328	0	2447
145+00 150+00.54	0		16498			18973	27117	320+00 325+00	1283		775	392					2	3058	0	3174
150+00.54 155+00	233		5570		6173	33290		325+00 327+00	432		2	430					3	5075	0	859
155+00 160+00	8577	156	240	8378		24912		M. L. SUB-TOTALS	83427	2054	131037					21	1	8112	4	2993
160+00 165+00	2749		2120	311		24601											2	2175	0	4987
165+00 170+00	621		7986			8563	33164										3	1322	0	4667
170+00 175+00	18		6161			7067	40231	SIDE LINES								21A	1	4907	1158	2057
175+00 180+00	2502	215	1796	543		39688		PLEASANT ST. (WEST)	150			150					2	706		546
180+00 185+00	1024	31	4879			4572	44260	PLEASANT ST. (EAST)	489			489					3	1299		17
185+00 190+00	9314		1386	7720		36540		TOWN H'WAY #24	62		546		566			SUBTOTALS		85427		131600
190+00 195+00	865		4376			4167	40707	TOWN H'WAY #44	11		17		9							
195+00 200+00	1341	12	1533			416	41123	TOWN H'WAY #44	11		17		9							
200+00 205+00	6778	408	681	6197		34926		ROUTE 242	1183			1183								
205+00 210+00	758		4544			4468	39394	BELLE VISTA DR.	105			105								
210+00 215+00	1815	32	3627			2340	41734	SIDELINE TOTAL	2000		563									
215+00 220+00	4628	38	8735			5400	47134	TURNOUT AREA	205		58	138								
220+00 225+00	0		21169			24344	71478	DRI VES	1310	0	2907		2033							
225+00 230+00	0		3451			3969	75447	SAND BORROW												
230+00 235+00	1480		548	850		74597		UNDERCUT	33916			33916		32877						
235+00 240+00	2798		698	1995		72602		SPECIAL DITCHES	1080			1080		31797						
240+00 245+00	4050		1201	2669		69933		CONTRACT TOTALS	121938	2054	134565									
245+00 250+00	175		2786			3029	72962													
250+00 255+00	2883		388	2437		70525														
255+00 260+00	3347		73	3263		67262														
260+00 265+00	1728		786	824		66438														
265+00 270+00	3709		645	2967		63471														
270+00 275+00	3829	4	826	2881		60590														
275+00 280+00	574		1522			1176	61766													
CARRIED FORWARD	75018	896	119326					CARRIED FORWARD												
COLUMN FOOTINGS	75018	896	119326					COLUMN FOOTINGS												

REMARKS	
EARTH AND ROCK EXCAVATION	121938
SOLID ROCK EXCAVATION	2054
EARTH EXCAVATION	119884
PLANIMETERED FILL	134565
LESS FACTORED SOLID ROCK (X 1.3)	2670
LESS DISPLACEMENT OF ANY LARGE STRUCTURES	
NET PLANIMETERED FILL	131895
FACTOR (.15)	19784
PLANIMETERED FILL INCLUDING FACTOR	151679
MATERIALS AVAILABLE FOR FILLS	
EARTH EXCAVATION	119884
CHANNEL EXCAVATION UNCLASS	442 X .75 332
UNDERDRAIN EXCAVATION	5845 X .75 4384
STRUCTURE EXCAVATION	593 X .60 356
TOTAL MATERIAL AVAILABLE FOR FILL	124956
TOTAL FILL INCLUDING FACTOR	151679
TOTAL MATERIAL FOR FILL	124956
DESIGNED SAND BORROW	
IN FILLS 21863X1.15	25142
NET BORROW	1581

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