STATE OF VERMONT
AGENCY OF TRANSPORTATION

EARTHWORKS

THIS SHEET NOT USED FOR RECORD PLANS.

VAOT Metric

GRADES							TOTAL EXCAVATION EARTH AND ROCK		ROCK EXCAVATION		EMBANKMENT			
VC	% GRADE	STATION	ELEVATION ON TANGENT	ELEVATION ON V CURVE	CORR. v.c.	DIST m	AREA m^2	VOLUME m^3	AREA m^2	VOLUME m^3	AREA m^2	VOLUME m^3	AREA m^2	VOLUME m^3
		17+170	136.52	136.52	0.00									
						8.74								
X		17+178.74	136.61	136.61	0.00									
						1.26								
		17+180	136.74	136.74	0.00									
						10								
		17+190	136.96	136.96	0.00									
		17+200	137.18	137.20	0.02									
		17+210	137.40	137.46	0.06									
		17+220	137.63	137.74	0.11		1.18							
								12.67						
		17+230	137.85	138.02	0.17		1.35							
								13.94						
		17+240	138.07	138.31	0.24		1.44							
								15.22						
		17+250	138.29	138.61	0.32		1.61							
								16.07						
	2.2050%	17+260	138.51	138.93	0.42		1.61							
								16.07						
		17+270	138.73	139.26	0.53		1.61							
								16.49						
		17+280	138.95	139.60	0.65		1.69							
								16.92						
		17+290	139.17	139.95	0.78		1.69							
						10		16.49						
		17+300	139.39	140.32	0.93		1.61							
									C= 200.54					
X		17+300.66	139.40	140.34	0.94	10		16.07	R= 0.00					
									F= 0.00					
		17+310	139.89	140.69	0.80		1.61		EX.C= 200.54					
						10		16.07						
		17+320	140.42	141.08	0.66		1.61							
								15.64						
		17+330	140.95	141.49	0.54		1.52							
						10		15.80						
		17+340	141.48	141.91	0.43		1.35							
		17+341=												
		0+000	141.53	141.95	0.42	11		13.09						
	5.2875%	0+010	142.06	142.38	0.32		1.27							
						10								
		0+020	142.59	142.83	0.24									
		0+030	143.12	143.29	0.17									
		0+040	143.65	143.76	0.11									
		0+050	144.18	144.24	0.06									
		0+060	144.70	144.73	0.03									
		0+070	145.23	145.24	0.01									
						10								
		0+080	145.76	145.76	0.00									
						1.52								
X		0+081.52	145.85	145.85	0.00									
								200.54						

GRADES							TOTAL EXCAVATION EARTH AND ROCK		ROCK EXCAVATION		EMBANKMENT			
VC	% GRADE	STATION	ELEVATION ON TANGENT	ELEVATION ON V CURVE	CORR. v.c.	DIST m	AREA m^2	VOLUME m^3	AREA m^2	VOLUME m^3	AREA m^2	VOLUME m^3	AREA m^2	VOLUME m^3

SUMMARY AND BALANCES

STATION TO STATION km + m	STATION TO STATION km + m	TOTAL EXC. EARTH+ROCK m^3	ROCK EXCAVATION m^3	EMBANKMENT m^3	EXCESSES CUT	EXCESSES FILL	ACCUMULATIVE EXCESSES CUT	ACCUMULATIVE EXCESSES FILL

REMARKS

EARTH AND ROCK EXCAVATION	200.54
SOLID ROCK EXCAVATION	0
EARTH EXCAVATION	200.54
PLANIMETERED FILL	0
LESS FACTORED SOLID ROCK	0
LESS DISPLACEMENT OF ANY LARGE STRUCTURES	0
NET PLANIMETERED FILL	0
FACTOR	
PLANIMETERED FILL INCLUDING FACTOR	0
MATERIALS AVAILABLE FOR FILLS	
EARTH EXCAVATION	200.54
CHANNEL EXCAVATION	
UNDERDRAIN EXCAVATION	
STRUCTURE EXCAVATION	
TOTAL MATERIAL AVAILABLE FOR FILL	200.54
TOTAL FILL INCLUDING FACTOR	
TOTAL MATERIAL FOR FILL	
BORROW	200.54
EXCESS EXCAVATION	200.54

PROJECT NAME: BARTON-IRASBURG
PROJECT NUMBER: STP 2107(1)S

FILE NAME: pave/98c096/pc096.dgn
PROJECT LEADER: WOOLAVER
DESIGNED BY: JLR
PLOT DATE: 21-MAY-2007 13:11
DRAWN BY: JLR
CHECKED BY:
SHEET 10 OF 49