EARTHWORKS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

GRADES						TOTAL EXCAVATION EARTH AND ROCK		ROCK EXCAVATION		EMBANKMENT		SUBBASE	
V.C.	% GRADE	STATION	ELEVATION ON TANGENT	ELEVATION ON CURVES	CORR V.C.	DIST	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.
		142		521.46		50.12		18				14		29
	0.6189 %	+02.19					18				12		17	
		+50		521.77		49.87		41				11		31
		+50.3	521.78											
		+52.06					26		C 176		0		16	
						14.95		7	F 107			18		10
		+67.01							SB 248		64		21	
50' V.C.		+75.3	521.93											
		143		521.80										
		+00.3	521.80			25.94		2				44		23
		+02.95					3				3		14	
		+50		521.55		50.18		4				6		26
		+53.13					1				3		14	
		+98.77												
		STA 143+98.77 BK =STA 143+95.55 AH EQ. = +3.17				50.04		2				6		26
		+95.55												
		144		521.31			1				3		14	
						50		1				5		29
		+50		521.06			0				2		17	
						50		0				5		32
		145		520.81							3		18	
						50						4		33
		+50		520.56							1		18	
						50						4		33
	-0.4976 %	146		520.31							3		18	
						50		0				8		33
		+50		520.06			0				6		18	
						50		15				6		30
		147		519.81			16				1		14	
						50		15				8		26
		+50		519.56			0		C 71		8		14	
						8		0	F 103			9		26
		+58							SB 343		52		14	
						42		0				45		26
		148		519.31							6		14	
						50		14				6		26
		+50		519.06			15				1		14	
						50		15				4		26
		149		518.81			1				3		14	
		+26.4	518.68			50		5						26
50' V.C.		+50		518.61			4				2		14	
		+51.4	518.55											
						50		7				4		26
		+76.4	518.68											
	0.5158 %	+86.5	518.73											
50' V.C.		150		518.78			4				2		14	
		+11.5	518.86											
						50		16				3		26
		+36.5	518.73											
	-0.5300 %	+50		518.66			13				1		14	
		+73.3	518.53			46		11				132		32
		+96					0				154		24	
50' V.C.		+98.3	518.40											
		151		518.47					C 199					
									F 319					
	0.5143 %	+23.3	518.53			54		14	SB 288			155		38
		+50		518.67			14				1		14	
		+65.8	518.75											
						50		21				2		26
40' V.C.		+85.8	518.85											
		152		519.35			9				1		14	
		+05.8	519.54											
	+3.4646 %	+09.3	519.66			50		8				10		29
80' V.C.		+49.3	521.05											
		+50		520.53			0				10		17	
		+89.3	520.35											
	-1.7576 %					50		0				12		31
		153					0				3		16	
						CARRIED FORWARD								
						COLUMN FOOTINGS		216				521		699

GRADES						TOTAL EXCAVATION EARTH AND ROCK		ROCK EXCAVATION		EMBANKMENT		SUBBASE	
V.C.	% GRADE	STATION	ELEVATION ON TANGENT	ELEVATION ON CURVES	CORR V.C.	DIST	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.
	-1.7576 V.C.	153		520.16			0				3		16	
		+06.8	520.04											
						50		16				3		28
50' V.C.		+31.8	519.60	519.74										
		+40												
		+50		519.70			17				0		14	
		+56.8	519.73			50		47				1		26
	0.5004 %													
		154		519.94			24				1		14	
						50		42				1		26
		+50		520.19			12				0		14	
		+64.67	520.27											
						50		24				0		26
50' V.C.		+89.67	520.39											
		155		520.14			14				0		14	
		+14.67	520.22			50.40		14				11		31
		+50	518.92											
	-2.4342 %	+50.40					1				12		20	
		+76	518.29											
						50		1				13		35
		156		517.82										
		+00.40					0				2		18	
50' V.C.		+01	517.68	517.81	0.13									
		+26	517.57			50		19				2		30
		+50	517.47						C 113					
		+50.40					20		F 46		0		14	
									SB 230					
	-0.4277 %													
						50		19				5		26
		157	517.26											
		+00.40					0				5		14	
		+35	517.07											
						50.47		7				6		26
		+50		517.06										
		+50.87					7				1		14	
50' V.C.		+60	517.00	517.06	0.06									
		+85	517.13			50.34		14				3		26
	0.5256 %													
		158		517.21										
		+01.21					8				2		14	
		+13	517.19											
50' V.C.		+38	517.41	517.66	0.25	50.99		16				4		26
	4.5800 %	+50		518.03										
		+52.42					9				2		14	
		+63	518.56											
						47.58		20				2		25
50' V.C.		+88	519.70	519.49	-0.21									
	1.5949 %	159		519.84			14				0			
													14	
		STA 159+07.10 BK =STA 159+12.95 AH EQ. = -5.85												
						9.54		3				0		5
		+12.95	520.10				0				0		14	
					END PROJECT									
						CARRIED FORWARD								
						COLUMN FOOTINGS		242				51		336

SUMMARY AND BALANCES									
STATION TO STATION		TOTAL EXCAV EARTH & ROCK	ROCK EXCAV CUBIC YARDS	EMBANKMENT CUBIC YARDS	EXCESSES		ACCUMULATIVE EXCESSES		SUBBASE
					CUT	FILL	CUT	FILL	

SHEET NO.	COL. NO.	SUMMARY BY COLUMNS						REMARKS
		EXCAVATION		EMBANKMENT		SUBBASE		
		TOTAL CY	ROCK CY	CY				

PROJECT NAME MONTPELIER WINOOSKI RIVER WEST BIKE PATH
PROJECT NUMBER BWM-BIKE (4)S

6829SCH8