EARTHWORK SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

V.C.	% GRADE	STATION	ELEVATION ON TANGENT	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.
VC = 500' K = 104	+2.0671 %	92+00.68	760.18	762.12	+1.94		300				68			
		+50	758.83	761.84	+3.01	50.08		405				168		
		+50.76	758.84	761.83	+2.99		137				113			
		93+00	759.86	761.79	+1.93	50.04		484				214		
		+00.80	759.88	761.79	+1.91		385				118			
		+50	760.90	761.98	+1.08	50.01		663				174		
		+50.81	760.91	761.98	+1.07		331				70			
		94+00	761.93	762.41	+0.48	50.00		1018				73	C	14914
		+00.81	761.95	762.42	+0.47		768				9		R	0
		+50	762.96	763.08	+0.12	49.82		1879				12	F	920
		+50.63	762.98	763.09	+0.11		1269				4		FAC	1.15
						49.30		2398				22		
		+99.93	764.00	764.00	+0.00		1358				20		EXC	13856
		95+00	764.00	764.00	0	49.37		2462				80		
		+49.30	765.02				1335				67			
		+50	765.03			49.53		2364				114		
		+98.83	766.04				1242				57			
		96+00	766.06			49.73		1872				55		
		+48.56	767.07				791				3			
		+50	767.10			49.91		1369				8		
		+98.47	768.10				690				6			
		97+00	768.13			49.96		1110				10		
		+48.43	769.13				510				5			
		+50	769.17			49.99		1365				43		
		+98.42	770.17				965				41			
		98+00	770.20	770.20	0	50.02		1674				166		
		+48.44	771.20	771.15	−0.05		842				138			
		+50	771.23	771.18	−0.05	50.04		1125				369		
		+98.48	772.23	772.02	−0.21		372				260			
		99+00	772.27	772.05	−0.22	50.03		474				620	C	7904
		+48.51	773.27	772.80	−0.47		140				409		R	0
		+50	773.30	772.82	−0.48	49.99		289				759	F	5729
		+98.50	774.30	773.46	−0.84		172				411		FAC	1.15
		100+00	774.33	773.48	−0.86	50.01		159				813		
		+48.51	775.34	774.02	−1.32		0				467		EXC	1316
		+50	775.37	774.03	−1.34	50.01		399				861		
		+98.52	776.37	774.46	−1.91		431				463			
VC = 600' SSD = 557'		101+00	776.40	774.47	−1.93	50.01		723				971		
		+48.53	776.16	774.81	−1.35		350				585			
		+50	776.15	774.81	−1.34	50.01		586				1117		
		+98.54	775.91	775.04	−0.87		283				621			
		102+00	775.90	775.04	−0.86	50.01		341				1170		
		+48.55	775.66	775.17	−0.49		85				642			
		+50	775.65	775.17	−0.48	50.01		83				1145		
		+98.56	775.41	775.19	−0.22		5				594			
		103+00	775.40	775.19	−0.21	50.01		9				976		
		+48.57	775.16	775.10	−0.06		5				460			
		+50	775.15	775.10	−0.05	50.01		34				769		
		+98.58	774.91	774.91	−0.00		32				370		C	575
		104+00	774.90	774.90	0	50.00		69				603	R	0
		+48.58	774.66				42				281		F	6914
		+50	774.65			50.01		39				578	FAC	1.15
		+98.59	774.41				0				343			
	−0.5000 %	105+00	774.40			50.01						635	EXF	7376
		+48.60	774.16								343			
		+50	774.15			50.01						479		
		+98.61	773.91								174			
		106+00	773.90			50.01						283		
		+48.62	773.66								132			
		+50	773.65			50.01						276		
		+98.63	773.41								166			
		CARRIED FORWARD												
		COLUMN FOOTING						23393		0		13563		

V.C.	% GRADE	STATION	ELEVATION ON TANGENT	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.
	−0.5000 %	106+98.63	773.41				0				166			
		107+00	773.40			50.01		12				269		
		+48.64	773.16				13				124			
		+50	773.15			50.01		12				205		
		+98.65	772.91				0				97			
		108+00	772.90			50.01		9				133		
		+48.66	772.66				10				47			
		+50	772.65			50.01		35				81		
		+98.67	772.41				28				41		C	1252
		109+00	772.40	772.40	0	50.01		61				59	R	0
		+48.68	772.16	772.28	+0.12		38				23		F	811
		+50	772.15	772.27	+0.12	50.01		101				31	FAC	1.15
		+98.69	771.91	772.39	+0.48		71				11			
		110+00	771.90	772.40	+0.50	50.00		168				19	EXC	319
		+48.69	771.66	772.76	+1.10		110				9			
		+50	771.65	772.77	+1.12	50.01		243				10		
		+98.70	771.41	773.37	+1.96		152				2			
		111+00	771.40	773.39	+1.99	50.01		313				2		
		+48.71	771.16	774.23	+3.07		186				0			
		+50	771.15	774.26	+3.11	50.01		298				2		
		+98.72	771.91	775.34	+4.43		136				2			
VC = 700' K = 101		112+00	771.90	775.37	+4.47	50.01		201				174		
		+48.73	770.66	776.70	+6.04		81				186			
		+50	770.65	776.74	+6.09	50.01		100				257		
		+98.74	773.80	778.31	+4.51		27				91			
		113+00	773.88	778.35	+4.47	50.01		36				232		
		+48.75	777.03	780.17	+3.14		12				160			
		+50	777.11	780.21	+3.10	49.78		11				628		
		+98.53	780.24	782.26	+2.02		0				521			
		114+00	780.34	782.33	+1.99	49.78						933	C	610
		+48.31	783.46	784.60	+1.14						491		R	0
		+50	783.57	784.68	+1.12	49.78						690	F	3700
		+98.09	786.67	787.19	+0.52		0				257		FAC	1.15
		115+00	786.80	787.29	+0.49	49.78		65				325		
		+47.87	789.89	790.03	+0.14		71				96		EXF	3645
		+50	790.02	790.15	+0.13	49.79		119				102		
		+97.66	793.10	793.10	+0.00		58				15			
		116+00	793.25	793.25	0	49.82		65				109		
		+47.48	796.32				12				103			
		+50	796.48			49.85		13				250		
		+97.33	799.54				2				168			
		117+00	799.71			49.86		49				156		
		+47.19	802.76				51				1			
		+50	802.94			49.86		95				20		
		+97.05	805.98				52				21			
		118+00	806.17			49.87		79				121		
		+46.92	809.20				34				110			
		+50	809.40			49.86		57				318		
	+6.4581 %	+75	811.01	811.01	0									
		+96.78	812.42	812.40	−0.02		28				234		C	2157
		119+00	812.63	812.60	−0.03	49.87		49				555	R	0
		+46.65	815.64	815.43	−0.21		25				367		F	3006
		+50	815.86	815.63	−0.23	49.87		90				755	FAC	1.15
		+96.52	818.86	818.26	−0.60		72				450			
		120+00	819.09	818.44	−0.64	49.88		197				682	EXF	1300
		+46.40	822.08	820.88	−1.20		141				288			
		+50	822.31	821.06	−1.25	49.87		334				331		
		+96.27	825.30	823.29	−2.01		221				70			
		121+00	825.54	823.47	−2.07	49.86		498				66		
		+46.13	828.52	825.51	−3.01		318				1			
		+50	828.77	825.68	−3.09	49.87		709				2		
		+96.00	831.74	827.52	−4.22		450				1			
		CARRIED FORWARD												
		COLUMN FOOTING						4019		0		7517		

V.C.	% GRADE	STATION	ELEVATION ON TANGENT	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.
	+6.4581 %	121+96.00	831.74	827.52	−4.22		450					1		
		122+00	832.00	827.68	−4.32	49.86		958						
		+45.86	834.96	829.33	−5.63		588					0		
		+50	835.23	829.47	−5.76	49.84		999				10		
		+95.70	838.18	830.93	−7.25		494					11		
VC = 850' SSD = 403'		123+00	838.46	831.06	−7.40	49.84		754				13		
		+45.54	838.23	832.33	−5.90		323					3		
		+50	838.21	832.45	−5.76	49.83		421				6		
		+95.37	837.98	833.53	−4.45		133					3	C	3263
		124+00	837.96	833.63	−4.33	49.84		123				114	R	0
		+45.22	837.83	834.52	−3.21		0					121	F	8679
		+50	837.70	834.61	−3.09	49.85		2				627	FAC	1.15
		+95.07	837.48	835.32	−2.16		2					558		
		125+00	837.45	835.38	−2.07	50.00		4				1461	EXF	6718
		+45.07	837.22	835.90	−1.32		2					1020		
		+50	837.20	835.94	−1.26	50.02		2				2112		
		+95.09	836.97	836.28	−0.69		0					1260		
		126+00	836.95	836.31	−0.64	50.02						2153		
		+45.11	836.72	836.46	−0.26							1064		
		+50	836.69	836.46	−0.23	50.02						2182		
		+95.13	836.47	836.43	−0.04							1292		
		127+00	836.44	836.42	−0.02	50.02						2118		
		+25	836.31	836.31	0									
		+45.15	836.21				0					994		
		+50	836.19			50.02		36				1354		
		+95.17	835.96				39					468		
		128+00	835.94			50.02		106				732		
		+45.19	835.71				75					322		
		+50	835.68			50.02		317		0		655		
		+95.21	835.46				267		0			385		
	−0.5048 %	129+00	835.43			50.02		774		73		453	C	10366
		+45.23	835.20				569		79			104	R	2008
		+50	835.18			50.04		1575		557		99	F	5426
		+95.27	834.95				1131		522			3	FAC	1.15
		130+00	834.93			50.11		2244		931		6		
		+45.64	834.70				1287		481			3	EXC	5120
		+50	834.67			50.15		2175		447		3		
		+95.53	834.45				1055		0			0		
		131+00	834.42	834.42	0	50.11		1647		0		3		
		+45.64	834.19	834.27	+0.08		720					3		
		+50	834.17	834.26	+0.09	50.08		1492				3		
		+95.72	833.94	834.28	+0.34		889					0		
		132+00	833.92	834.29	+0.37	50.03		1480				3		
		+45.75	833.69	834.48	+0.79		708					3		
		+50	833.66	834.50	+0.84	50.00		1127				16		
		+95.75	833.44	834.87	+1.43		516					14		
		133+00	833.41	834.90	+1.49	49.94		787				74		
		+45.69	833.18	835.43	+2.25		330					66		
VC = 500' K = 134		+50	833.16	835.49	+2.33	49.89		580				281		
		+95.59	834.63	836.18	+1.55		298					238		
		134+00	834.77	836.26	+1.49	49.85		537				644		
		+45.43	836.23	837.12	+0.89		284					460	C	5805
		+50	836.38	837.21	+0.83	49.79		262				1129	R	0
		+95.22	837.83	838.24	+0.41		0					764	F	17366
		135+00	837.98	838.36	+0.38	49.72		123				2022	FAC	1.15
		+44.94	839.43	839.54	+0.11		134					1432		
		+50	839.59	839.69	+0.10	49.66		286				3356	EXF	14166
		+94.60	841.03	841.03	+0.00		177					2217		
		136+00	841.20	841.20	0	50.22		331				4636		
	+3.2165 %	+44.17	842.62				184					2833		
		+50	842.81			48.66		292				5205		
		+93.48	844.21				136					2867		
		CARRIED FORWARD												
		COLUMN FOOTING						19434		2008		31471		

PROJECT NAME U.S. ROUTE 2 MARSHFIELD
PROJECT NUMBER FEGC – F028 – 3(28)

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