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 = 800' SSD = 408'	+3.2165 %	136+93.48	844.21				136				2867			
		137+00	844.42			49.03		210				4888		
		+42.51	845.79				95				2517			
		+50	846.03			48.77		205				4260		
		+91.28	847.35				132				2200			
		138+00	847.63	847.63	0	48.55		327				4120		
		+39.83	848.92	848.86	−0.06		232				2382			
		+50	849.24	849.14	−0.10	48.36		370				4374	C	2275
		+88.19	850.47	850.16	−0.31		181				2502		R	0
		139+00	850.85	850.45	−0.40	48.25		321				4555	F	43549
		+36.44	852.02	851.28	−0.74		178				2596		FAC	1.15
		+50	852.46	851.56	−0.90	48.68		307				4556		
		+85.12	853.59	852.23	−1.36		163				2458		EXF	47806
		140+00	854.07	852.47	−1.59	48.59		269				4233		
		+33.71	855.15	852.97	−2.18		136				2246			
		+50	855.68	853.19	−2.49	48.51		266				4782		
		+82.22	856.71	853.54	−3.17		160				3077			
		141+00	857.28	853.70	−3.58	48.46						4587		
		+30.68	858.27	853.92	−4.35		TH#55				2034			
		+50	858.89	854.01	−4.88	48.41						3194		
		+79.09	859.83	854.11	−5.72		225				1529			
		142+00	860.50	854.13	−6.37	48.38		349				2031		
		+27.47	859.63	854.10	−5.53		164				738			
		+50	858.92	854.04	−4.88	48.36		257				1430		
		+75.83	858.11	853.93	−4.18		123				859			
		143+00	857.35	853.76	−3.59	48.35		248				1474		
		+24.18	856.58	853.55	−3.03		154				787			
		+50	855.77	853.28	−2.49	48.36		287				1351		
		+72.54	855.06	853.00	−2.06		166				722		C	6645
		144+00	854.19	852.60	−1.59	48.38		262				1096	R	0
		+20.92	853.53	852.25	−1.28		126				501		F	9231
		+50	852.61	851.72	−0.89	48.42		719				568	FAC	1.15
		+69.34	852.00	851.32	−0.68		676				132			
		145+00	851.04	850.64	−0.40	48.46		1343				214	EXF	3971
		+17.80	850.47	850.20	−0.27		821				107			
		+50	849.46	849.36	−0.10	48.52		1352				222		
		+66.32	848.94	848.89	−0.05		684				140			
		146+00	847.88	847.88	0	48.60		1029				474		
		+14.92	847.41				459				387			
		+50	846.30			48.69		799				371		
		+63.61	845.87				427				24			
	−3.1550 %	147+00	844.72			48.80		811				77		
		+12.41	844.33				470				61			
		+50	843.15			48.90		920				269		
		+61.31	842.79				546				236			
		148+00	841.57			49.04		901				1052		
		+10.35	841.24				446				922			
		+50	839.99			49.19		696				2956		
		+59.54	839.69				318				2323			
		149+00	838.42			49.34		696				3592	C	5972
		+08.88	838.13				444				1608		R	0
		+50	836.84			49.52		658				3113	F	19271
		+58.40	836.57				274				1787		FAC	1.15
		150+00	835.26			49.70		428				3054		
		+08.10	835.00				191				1531		EXF	16190
		+50	833.68			49.91		323				2337		
		+58.01	833.43				159				998			
		151+00	832.11			50.13		287				1610		
		+08.14	831.85				150				736			
		+50	830.53			50.33		252				1211		
		+58.47	830.26				120				563			
		CARRIED FORWARD												
		COLUMN FOOTING						14892		0		72051		

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 = 400' K = 186	−3.1550 %	151+58.47	830.26				120				563			
		152+00	828.95			50.40		181				1063		
		152+08.87	828.67				74				576			
		+50	827.37			50.43		79				1093		
		+59.30	827.08				11				594			
		153+00	825.80			50.47		11				1404		
		+09.77	825.49				1				908			
		+50	824.22			50.50		36				1291		
		+59.30	827.08				38		0		472			
		154+00	822.64			50.53		231		10		786	C	10191
		+10.80	822.30				209		11		368		R	3683
		+50	821.06			50.56		975		381		370	F	6032
		+61.36	820.70				832		396		27		FAC	1.15
		155+00	819.48			50.59		1767		840		25		
		+11.95	819.11				1054		501		0		EXC	5077
		+50	817.91			50.61		2126		1075				
		+62.56	817.51				1214		646					
		156+00	816.33	816.33	0	50.64		2419		905				
		+13.20	815.91	815.91	+0.00		1365		319					
		+50	814.75	814.82	+0.07	50.67		2366		472				
		+63.87	814.31	814.42	+0.11		1157		184					
		157+00	813.18	813.45	+0.27	50.68		2078		284				
		+14.55	812.72	813.08	+0.36		1057		119					
		+50	811.60	812.21	+0.61	50.70		1883		118				
		+65.25	817.12	811.87	+0.75		949		7					
		158+00	810.02	811.12	+1.10	50.73		1636		7				
		+15.98	809.87	810.80	+0.93		792		0					
		+50	809.54	810.16	+0.62	50.74		1168						
		+62.72	809.38	809.87	+0.49		451				0			
		159+00	809.06	809.33	+0.27	50.75		691				8		
		+17.47	808.89	809.08	+0.19		284				9			
		+50	808.58	808.65	+0.07	50.77		436				28	C	8796
		+68.24	808.40	808.43	+0.03		180				21		R	409
		160+00	808.10	808.10	0	50.79		328				23	F	266
		+19.03	807.92				169				3		FAC	1.15
		+50	807.62			50.79		309				23		
		+69.87	807.43				160				21		EXC	8693
		161+00	807.14			50.80		181				86		
		+20.62	806.94				32				70			
		+50	806.66			50.81		86				98		
		+71.43	806.45				59				34			
		162+00	806.18			50.82		98				44		
		+22.25	805.96				45				13			
	−0.9611 %	+50	805.70			50.82		107				56		
		+73.07	805.47				69				46			
		163+00	805.21			50.82		65				155		
		+23.89	804.99				0				119			
		+50	804.73			50.83		42				503		
		+74.72	804.50				45				415			
		164+00	804.25			50.83		42				639		
		+25.55	804.01				0				264		C	1114
		+50	803.77			50.82		18				455	R	0
		+76.37	803.52				19				219		F	4484
		165+00	803.29			50.83		86				558	FAC	1.15
		+27.20	803.03				72				374			
		+50	802.81			50.82		162				708	EXF	4043
		+78.02	802.54				100				378			
		166+00	802.33			50.98		207				755		
		+29.00	802.05				119				422			
		+50	801.85			50.98		287				611		
		+79.98	801.56				185				225			
		CARRIED FORWARD												
		COLUMN FOOTING						20101		4092		10782		

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.
	−0.9611 %	166+79.98	801.56				185				225			
		167+00	801.37			50.97		511				212		
		+30.95	801.07				356				0			
		+50	800.89			50.94		566				4		
		+81.89	800.73				244				4			
		168+00	800.64			50.92		481				23		
		+32.81	800.48				266				20			
		+50	800.39			50.89		611				19	C	2771
		+83.70	800.22				382				0		R	0
		169+00	800.14			50.86		447				335	F	7167
		+34.57	799.97				93				356		FAC	1.15
		+50	799.89			50.82		121				898		
		+85.38	799.71				36				598		EXF	5471
		170+00	799.64			50.80		34				1128		
		+36.18	799.46				0				601			
		+50	799.39			50.75						1214		
		+86.93	799.21								691			
		171+00	799.14			50.71						1582		
		+37.64	798.95								994			
		+50	798.89			50.68						1752		
		+88.32	798.70								873			
		172+00	798.64			50.62						1645		
		+38.94	798.45				0				882			
		+50	798.39	798.39	0	50.58		7				1293		
		+89.52	798.19	798.25	+0.06		7				498			
		173+00	798.14	798.24	+0.10	50.47		7				740		
		+39.99	797.94	798.27	+0.33		0				294			
		+50	797.89	798.29	+0.40	50.35						549		
		+90.34	797.69	798.49	+0.80						295		C	47
		174+00	797.64	798.55	+0.91	50.23						696	R	0
		+40.57	797.44	798.91	+1.47						453		F	10618
		+50	797.39	799.01	+1.62	50.14						1025	FAC	1.15
		+90.71	797.19	799.53	+1.34						651			
		175+00	797.14	799.67	+2.53	50.07						1097	EXF	12164
		+40.78	796.14	800.36	+3.42						532			
VC = 600' K = 124		+50	796.89	800.53	+3.64	50.03						1095		
		+90.81	798.67	801.39	+3.72						650			
		176+00	799.07	801.59	+2.52	50.01						1247		
		+40.82	800.84	802.61	+1.77		0				696			
		+50	801.24	802.86	+1.62									
		176+46.79	(BK) =			59.18		33				1231		
		176+55.97	(AH)	EQ=−9.18'										
		177+00	803.02	804.04	+1.02		30				427			
						50		125				401		
	+4.3519 %	+50	805.19	805.68	+0.49		105				6			
						50		392				6		
		178+00	807.37	807.51	+0.14		318				0			
						50		533				6		
		+50	809.55	809.55	+0.00		258				7			
		+59.18	809.95	809.95	0	50		564				6		
		+75	810.63	810.63	0								C	7782
		179+00	811.72	811.70	−0.02		351				0		R	0
						50		801					F	529
		+50	813.90	813.66	−0.24		514						FAC	1.15
						50		1071						
		180+00	816.07	815.42	−0.65		643				0		EXC	7174
						50		1061				55		
VC = 350' SSD = 403'		+50	818.25	816.98	−1.27		503				59			
						50		991				55		
		181+00	818.97	818.32	−0.65		567				0			
						50		1069						
	+1.4400 %	+50	819.69	819.46	−0.23		588							
						50		1175						
		182+00	820.41	820.38	−0.03		681							
		CARRIED FORWARD												
		COLUMN FOOTING						10600		0		18314		

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

SHEET 24 OF SHEETS