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 = 700' K = 111	-3.2000 %	271+99.58	801.57	802.02	+0.55		0				618			
		272+00	801.56	802.01	+0.45	49.69		7				870		
		+49.27	799.98	800.98	+1.00		8				327			
		+50	799.96	800.97	+1.01	49.71		11				600		
		+98.98	798.39	800.17	+1.78		4				325			
		273+00	798.36	800.16	+1.80	49.72		6				788		
		+48.70	796.80	799.58	+2.78		3				531			
		+50	796.76	799.56	+2.80	49.73		77				864	C	1054
		+98.43	795.21	799.21	+4.00		81				407		R	0
		274+00	795.16	799.20	+4.04	49.74		113				776	F	5219
		+48.17	793.62	799.06	+5.44		42				435		FAC	1.15
		+50	793.56	799.06	+5.50	49.75		62				840		
		+97.92	795.03	799.13	+4.10		25				477		EXF	4948
		275+00	795.10	799.14	+4.04	49.76		129				447		
		+47.68	796.57	799.43	+2.86		115				8			
		+50	796.64	799.45	+2.81	49.77		247				9		
		+97.45	798.10	799.95	+1.85		153				2			
		276+00	798.18	799.98	+1.80	49.77		235				7		
		+47.22	799.64	800.79	+1.15		102				6			
		+50	799.72	800.73	+1.01	49.79		167				18		
		+97.01	801.17	801.65	+0.48		79				14			
		277+00	801.27	801.72	+0.45	49.79		98				86		
		+46.80	802.71	802.84	+0.13		27				79			
		+50	802.81	802.92	+0.11	49.80		25				260		
		+96.60	804.24	804.24	+0.00		0				203			
	+3.0825 %	278+00	804.35	804.35	0	49.81						386		
		+46.41	805.78								215			
		+50	805.89			49.81						374		
		+96.22	807.31				0				191		C	529
		279+00	807.43			49.82		5				389	R	0
		+46.04	808.85				5				231		F	3056
		+50	808.97			49.82		33				422	FAC	1.15
		+95.86	810.39				31				226			
		280+00	810.51	810.51	0	49.83		52				351	EXF	2985
		+45.69	811.92	811.84	-0.08		25				154			
		+50	812.06	811.96	-0.10	49.83		69				408		
		+95.52	813.46	813.10	-0.36		50				288			
		281+00	813.60	813.21	-0.39	49.83		102				317		
		+45.35	814.99	814.17	-0.82		61				56			
		+50	815.14	814.26	-0.88	49.84		145				63		
		+95.19	816.53	815.04	-1.49		96				12			
VC = 500' SSD = 413'		282+00	816.68	815.12	-1.56	49.85		186				21		
		+45.04	818.07	815.72	-2.35		105				11			
		+50	818.22	815.78	-2.44	49.84		164				54		
		+94.88	817.85	816.21	-1.64		73				48			
		283+00	817.81	816.25	-1.56	49.85		135				149		
		+44.73	817.44	816.50	-0.94		73				113			
		+50	817.40	816.52	-0.88	49.85		107				290	C	776
		+94.58	817.04	816.60	-0.44		43				201		R	0
		284+00	816.99	816.60	-0.39	49.84		61				403	F	4630
		+44.42	816.63	816.51	-0.12		23				236		FAC	1.15
		+50	816.58	816.49	-0.10	49.85		33				560		
		+94.27	816.22	816.22	-0.00		13				371		EXF	4549
		285+00	816.17	816.17	0	49.84		12				707		
		+44.11	815.81				0				395			
		+50	815.76			49.84		6				799		
		+93.95	815.40				6				471			
		286+00	815.36			49.83		13				802		
		+43.78	815.00				8				398			
		+50	814.95			49.83		59				845		
		+93.61	814.59				56				518			
		CARRIED FORWARD												
		COLUMN FOOTING						2359		0		12905		

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.
	-0.8185 %	286+93.61	814.59				56				518			
		287+00	814.54			49.82		56				1352		
		+43.43	814.18				5				947			
		287+48.18	(BK) =			49.80		16				1359		
		287+51.62	(AH)	EQ=-3.44										
		+96.67	813.77				12				527			
		288+00	813.75			49.82		11				795		
		+46.49	813.36				0				335			
		+50	813.34	813.34	0	49.85						470	C	409
		+96.34	812.96	812.88	-0.08						174		R	0
		289+00	812.93	812.83	-0.10	49.89						242	F	4644
		+46.23	812.55	812.20	-0.35		0				88		FAC	1.15
		+50	812.52	812.14	-0.38	50.02		8				136		
		+96.25	812.14	811.33	-0.81		9				59		EXF	4932
		290+00	812.11	811.26	-0.85	50.07		26				89		
		+46.32	811.73	810.27	-1.46		19				37			
VC = 400' SSD = 514'		+50	811.70	810.18	-1.52	50.09		73				52		
		+96.41	809.91	809.01	-0.90		60				19			
		291+00	809.77	808.92	-0.85	50.03		129				54		
		+46.44	807.99	807.58	-0.41		79				39			
		+50	807.85	807.47	-0.38	49.99		90				95		
		+96.43	806.06	805.96	-0.10		18				64			
		292+00	805.92	805.83	-0.09	50.02		17				182		
		+46.45	804.13	804.13	-0.00		0				133			
		+50	804.00	804.00	0	50.05						311		
	-3.8509 %	+96.50	802.21								203			
		293+00	802.07			50.08						428		
		+46.58	800.28								259			
		+50	800.15	800.15	0	50.10						598		
		+96.68	798.35	798.43	+0.08		0				386		C	23
		294+00	798.22	798.31	+0.09	50.12		2				638	R	0
		+46.80	796.42	796.74	+0.32		2				301		F	3999
		+50	796.30	796.64	+0.34	50.15		2				542	FAC	1.15
		+96.95	794.49	795.23	+0.74		0				283			
		295+00	794.37	795.15	+0.78	50.18						493	EXF	4576
		+47.13	792.56	793.90	+1.34						247			
		+50	792.45	793.83	+1.38	50.01						412		
		+97.14	790.63	792.74	+2.11						198			
VC = 500' K = 145		296+00	790.52	792.68	+2.16	50.01						263		
		+47.15	790.33	791.75	+1.42		0				86			
		+50	790.32	791.70	+1.38	50.04		2				132		
		+97.19	790.13	790.93	+0.80		2				56			
		297+00	790.12	790.90	+0.78	50.05		23				57		
		+47.24	789.93	790.30	+0.36		23				5			
		+50	789.92	790.26	+0.34	50.05		21				15		
		+97.29	789.73	789.83	+0.10		0				11			
		298+00	789.72	789.81	+0.09	50.05		23				48		
		+47.34	789.53	789.53	+0.00		25				41			
		+50	789.52	789.52	0	50.05		79				98		
		+97.39	789.33				60				65		C	1028
	-0.4003 %	299+00	789.32			47.05		56				257	R	0
		+47.44	789.13				0				212		F	1285
		+50	789.12			53.05						322	FAC	1.15
		+97.49	788.93								135			
		300+00	788.92			50.05						224	EXF	450
		+47.54	788.73				0				107			
		+50	788.72			50.35		21				174		
		+97.89	788.53				22				80			
		301+00	788.52			50.46		285				82		
		+48.37	788.33				283				8			
		+50	788.32			50.51		520				8		
		+98.88	788.12				273				1			
		CARRIED FORWARD												
		COLUMN FOOTING						1460		0		9928		

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.
	-0.4003 %	301+98.88	788.12				273				1			
		302+00	788.12			50.54		738				2		
		+49.42	787.92				516				1			
		+50	787.92			50.54		812				1		
		+99.96	787.72				352				0			
		303+00	787.72			50.55		499				1		
		+50	787.52											
		+50.51	787.52				181				1		C	3668
		304+00	787.32			50.55		246				3	R	0
		+01.06	787.32				82				2		F	138
		+50	787.12			50.52		175				14	FAC	1.15
		+51.58	787.11				105				13			
		305+00	786.92			50.50		208				17	EXC	3509
		+02.08	786.91				117				5			
		+50	786.72			50.46		288				7		
		+52.54	786.71				191				2			
		306+00	786.52			50.42		306				12		
		+02.96	786.51				137				11			
		+50	786.32			50.35		223				31		
		+53.31	786.31				102				22			
		307+00	786.12			50.30		173				50		
		+03.61	786.10				84				32			
		+50	785.92			50.16		154				83		
		+53.77	785.90				82				57			
		308+00	785.72			50.04		138				108		
		+03.81	785.70				67				60			
		308+21.91	(BK) =			46.19		105				79		
		308+18.10	(AH)	EQ=+3.81										
		+50	785.50				56				32		C	1124
						50		112				73	R	0
		309+00	785.30				65				47		F	690
						50		119				51	FAC	1.15
		+50	785.10				64				8			
						50		114				52	EXC	331
		310+00	784.90	END PROJECT			59				48			
				BEGIN APPROACH		50		118				89		
		+50	784.70				68				48			
						50		125				69		
		311+00	784.50				67				26			
						50		84				55		
		+50	784.30				24				33			
						50		55				31		
		312+00	784.10	END APPROACH			35				0			
		CARRIED FORWARD												
		COLUMN FOOTING						4792		0		828		

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

SHEET 27 OF SHEETS